Nos.

Nos.

Price
Price

Self-

Pric

HORSE SHOES

MADE BY

PECK, BENNY & CO.,

MONTREAL.

HIND.

FORWARD.

WEIGHTS OF HORSE SHOES.

HIND.

Nos.	0	1	2	3	4	5	6	7
	10	12½	14½	17	22	25½	34	37 oz.

FORWARD.

Nos.	0	1	2	3	4	5	6	7
	12½	16½	18½	22	27½	30½	36	40 oz.

Price for Kegs . . . . . $

Price for less quantity . . . . . .

WINTER, OR SNOW SHOE PATTERN.

These Shoes are made expressly for Winter Use, as, being "Concave," the snow is prevented from "balling." They are a Self-Clearing Shoe, and lighter than the ordinary pattern.

Price . . . . . per keg, $

MULE SHOES SUPPLIED TO ORDER.

In ordering please say what pattern is required. Also whether Shoes are to be packed "Assorted Forward and Hind," "All Forward," or "All Hind."

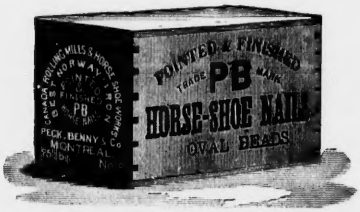
HORSE NAILS

OVAL HEAD.

COUNTERSUNK HEAD.

HORSE NAILS, P. B. BRAND.

25 lbs. Boxes.



HORSE NAILS, M. BRAND.

25 lbs. Boxes.

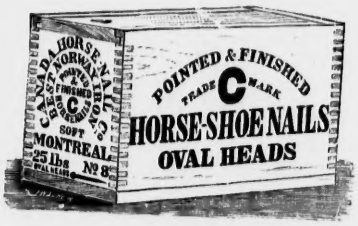
"P. B." AND "M." BRANDS.

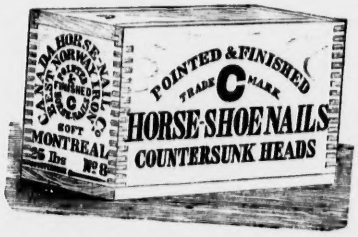
Nos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Inch,	1½	1⅝	1¾	1⅞	2	2⅛	2¼	2⅜	2½	2⅝	2¾	2⅞	3	3⅛	3¼
Per lb.,	$1 50	1 00	75	50	30	27	24	23	22	22	22	22	22	22	22

Every Nail uniform and perfect.

GOLD MEDAL

C HUBBS HORSE-NAILS

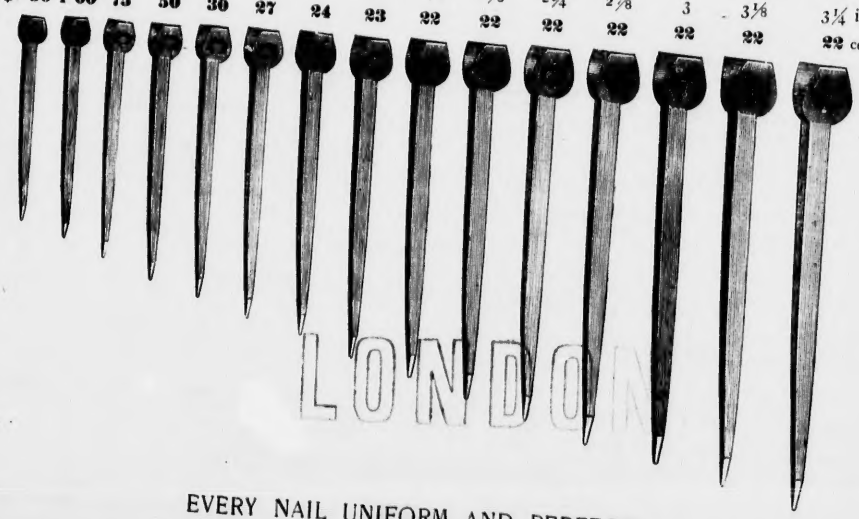




We use the best material known for Horse-Nails, and sell only to the Trade, as the best means to reach the Consumer. All sizes, from No. 1 to No. 15, constantly in stock.

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1½	1⅝	1¾	1⅞	2	2⅛	2¼	2⅜	2½	2⅝	2¾	2⅞	3	3⅛	3¼ in.
	$8 50	1 00	75	50	30	27	24	23	22	22	22	22	22	22	22 cents.

PLATE NAIL.



EVERY NAIL UNIFORM AND PERFECT.

NAILS

MANUFACTURED FROM BEST QUALITY IRON AND STEEL.

STANDARD LIST.

IRON AND STEEL CUT NAILS.

Branded,	3 dy. fine	3	4	4½	5	6	7	8	9	10	12	16	20	30	40	50	60 dy.
Length, inches,	1⅛	1¼	1½	1⅝	1¾	2	2¼	2½	2¾	3	3¼	3½	4	4½	5	5½	6
Number of nails to the pound,	800	464	296	260	224	168	124	88	70	60	48	36	24	18	14	10	8

IRON CUT NAILS.

	$ Per Keg.	Add to the price of 10 dy.
10 dy. to 60 dy.—Hot Cut American or Canadian Pattern		$0 25
8 dy. and 9 dy. " " " "		50
6 dy. and 7 dy. " " " "		75
4 dy. and 5 dy. " American Pattern		1 50
3 dy. " "		3 00
3 dy.—Fine Hot Cut "		50
4 dy. and 5 dy.—Cold Cut, Canada Pattern		

STEEL NAILS.

Steel Nails . . . . . **10** cents per keg extra

CUT SPIKES.

Cut Spikes, all sizes . . . . . **25** cents per keg advance

FENCE NAILS.

Branded,	6 dy.	8	9	10	12	16 dy.
Length, inches,	2	2½	2¾	3	3¼	3½
Number to the pound,	84	48	40	30	24	20
Add to price of 10 dy.	**50c**	**25c** per keg.				

FLOORING NAILS.

Branded,	6 dy.	7	8	9	10 dy.
Length, inches,	2	2¼	2½	2¾	3
Number to the pound,	168	124	88	70	60
Advance on base,	**$1 00**		**75**		**50c** per keg

CASING NAILS.

Branded,	3 dy.	4	5	6	7	8	9	10	12	16	20 dy.
Length, inches,	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	4
Number to the pound,	545	398	321	224	178	128	109	91	71	54	40
Advance on base,	**$2 00**	**1 25**		**1 00**		**75**		**50c** per keg			

FINISHING NAILS.

Length, inches,	1	1¼	1½	1¾	2	2¼	2½	2¾	3 and up
Number to the pound,	1100	720	523	410	268	207	146	124	102
Advance on base,	**$2 65**	**1 90**	**1 65**	**1 40**	**90c** per keg, and all larger than 2 inch.				

COMMON FLOUR BARREL NAILS.

Length, inches,	⅞	1	1⅛
Advance on base,	**$2 40**	**2 00**	**1 70** per keg

PRESSED SPIKES

¼ inch by 4 inch, and longer	$4 75 per 100 pounds
5/16 inch by 4 inch, and longer	4 50 "
⅜ inch by 4 inch, and longer	4 25 "
7/16 inch by 4 inch, and longer	3 90 "
½ inch by 4 inch, and longer	3 90 "
Discount	

CLINCH AND HEAVY CLINCH NAILS.

¾ inch	1¼ inch	1½ and 1¾ inch	2 and 2¼ inch	2½ and 2¾ inch	3 inch, and upwards

FLAT AND SHARP PRESSED NAILS.

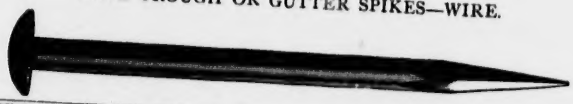
1 inch	1¼ inch	1½ and 1¾ inch	2 and 2¼ inch	2½ and 2¾ inch	3 inch, and upwards

SLATING AND ROOFING WIRE NAILS.

Length, inches	¾	1	1¼	1½
Price per hundred pounds	$6 50	6 00	5 50	5 25

Add 4 cents per pound to list price for Tinning.

EAVE TROUGH OR GUTTER SPIKES—WIRE.



Diameter.	Length.											
	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10
No. 3	6	6	6	6	6	6	6		6	6	6	6
" 4	6½	6½	6½	6½	6½	6½	6½					
" 5	6¾	6¾	6¾	6¾	6¾							

COUNTERSUNK WAGON BOX AND HINGE NAILS.

LONG CHISEL POINTS.

Length.	Wire.										
	⅜	5/16	1	2	3	4	5	6	7	8	9
1 inch						14	14½	15	16	17	18
1¼ "					13½	13½	14	14½	15½	16½	17
1½ "					13½	13½	13	14	15	16	17
1¾ "	11	11	11½	11½	12	13	13	13½	14	15	16
2 "	11	11	11½	11½	12	13	13	13½	14½	15½	16½
2¼ "	11	11	11½	11½	12	12½	12½	13	14	15	16
2½ "	11	11	11½	11½	12	12½	12½	13	14	15	16
2¾ "	10½	10½	11	11	11½	12	12½	13	14	15	16
3 "	10½	10½	11	11	11½	12	12½	13	14	15	15½
3¼ "	10½	10½	11	11	11½	12	12½	13	14	15	15½
3½ "	10½	10½	11	11	11½	12	12½	13	14	15	15½
3¾ "	10½	10½	11	11	11½	12	12½	13	14	15	15½
4 "	10½	10½	11	11	11½	12	12½	13	14	15	15½
4¼ "	10	10	11	11	11½	12	12½	13	14	15	15½
4½ "	10	10	11	11	11½	12	12½	13	14	15	15½
5 "	9	9	10	10	11	12	12½	13	14	15	.....
5½ "	9	9	10	10	11	12	12½	13	14	.....	.....
6 "	9	9	10	10	11	12	12½	13	14	.....	.....
6½ "	9	9	10	10	11	12	.....	.....	.....	.....	.....
7 "	9	9	10	10	11	.....	.....	.....	.....	.....	.....
7½ "	9	9	10	10	11	.....	.....	.....	.....	.....	.....

STEEL AND IRON WIRE NAIL AND BRAD LIST

Price Per Pound, any Style Head.

3-16 inch.

No.	$o
20	$1 00
21	1 10
22	1 30

1-4 inch.

No.	$o
15	$o 42
16	45
17	47
18	50
19	58
20	80
21	95
22	1 05

3-8 inch.

No.	$o
10	$o 27
11	27
12	30
13	32
14	35
15	38
16	40
17	42
18	45
19	50
20	65
21	75
22	85

1-2 inch.

No.	$o
10	$o 24
11	24
12	26
13	28
14	31
15	34
16	35
17	37
18	40
19	45
20	55
21	65
22	70

5-8 inch.

No.	$o
9	$o 22
10	22
11	22
12	24
13	26
14	28
15	30
16	31
17	33
18	35
19	40
20	45
21	55
22	65

3-4 inch.

No.	$o
8	$o 21
9	21
10	21
11	21
12	22
13	24
14	25
15	26
16	26
17	28
18	30
19	35
20	40
21	50
22	70

7-8 inch.

No.	$o
8	$o 20
9	20
10	20
11	20
12	21
13	22
14	22
15	23
16	24
17	26
18	28
19	33
20	40
21	55

1 inch.

No.	$o
7	$o 19
8	19
9	19
10	19
11	19
12	20
13	21
14	21
15	22
16	23
17	25
18	27
19	32
20	38
21	60

1½ inch.

No.	$o
6	$o 18
7	18
8	18
9	18
10	18
11	18
12	19
13	20
14	21
15	21
16	22
17	24
18	26
19	31
20	39

1¼ inch.

No.	$o
5	$o 17
6	17
7	17
8	17
9	17
10	17
11	17
12	17
13	18
14	19
15	19
16	21
17	23
18	25
19	31
20	40

1⅜ inch

No.	$o
4	$o 16
5	16
6	16
7	16
8	16
9	16
10	16
11	16
12	16
13	16
14	17
15	18
16	20
17	22
18	24
19	32

1½ inch

No.	$o
4	$o 15
5	15
6	15
7	15
8	15
9	15
10	15
11	15
12	15
13	15
14	16
15	18
16	20
17	22
18	24
19	33

1¾ inch

No.	$o
3	$o 14
4	14
5	14
6	14
7	14
8	14
9	14
10	15
11	15
12	15
13	15
14	18
15	20
16	22
17	25
18	26

2 inch.

No.	$o
3	$o 13
4	13
5	13
6	13
7	13
8	13
9	13
10	14
11	14
12	14
13	15
14	18
15	20
16	22
17	26
18	28

2¼ inch.

No.	$o
3	$o 13
4	13
5	13
6	13
7	13
8	13
9	13
10	13
11	13
12	14
13	16
14	18
15	20
16	24

2½ inch.

No.	$o
3	$o 12
4	12
5	12
6	12
7	12
8	12
9	12
10	13
11	13
12	15
13	16
14	18
15	20

2¾ inch.

No.	$o
3	$o 12
4	12
5	12
6	12
7	12
8	12
9	12
10	12
11	12
12	15
13	16
14	18

3 inch.

No.	$o
3	$o 12
4	12
5	12
6	11
7	11
8	11
9	11
10	11
11	12
12	15
13	16
14	18

3¼ inch.

No.	$o
3	$o 12
4	12
5	12
6	11
7	11
8	11
9	11
10	12
11	13
12	15

3½ inch.

No.	$o
3	$o 12
4	12
5	12
6	11
7	11
8	11
9	11
10	12
11	13
12	15

4 inch.

No.	$o
3	$o 12
4	12
5	12
6	11
7	11
8	11
9	11
10	12
11	13

4½ inch.

No.	$o
3	$o 11
4	11
5	11
6	12
7	12
8	12
9	12
10	12

5 inch.

No.	$o
3	$o 11
4	11
5	11
6	12
7	12
8	12
9	12
10	12

5½ inch.

No.	$o
3	$o 11
4	11
5	11
6	12
7	12
8	12

6 inch.

No.	$o
3	$o 11
4	11
5	11
6	12
7	12
8	12

For Barbed (Pat.) 1 cent per lb. advance on List.
" Special Heads, 1 cent " " "
" Special Points, 1 cent " " "
" Nails combining all three above specialties, 3c. per lb. advance
" Tinning or Galvanizing, 50 per cent advance on List. [on List.
" Nails in ½ lb. packages, add 1 cent NET per lb.
" Nails in ¼ lb. packages, add 2 cents NET per lb.

DISCOUNTS TO APPLY ON THE WIRE NAIL LIST.

Wire and Large Head Slate Nails	per cent.
Hard Steel Moulding Nails	"
Hard Steel Finishing Brads	"
Lock Nails	"
Barbed Nails	"

STEEL AND IRON ESCUTCHEON PINS

STEEL AND IRON ESCUTCHEON PINS.

Inch	3-16	1-4	3-8	1-2	5-8	3-4	7-8	1	1⅛	1¼	1½	1¾	2
Wire Gauge.													
10	....	....	25	23	22	21	20	19	18	17	16	15	15
11	....	....	26	24	23	22	21	20	19	18	17	16	16
12	....	....	27	25	24	23	22	21	20	19	18	17	17
13	....	....	28	26	25	24	23	22	21	20	19	19	19
14	$ 40	$ 33	30	28	26	25	24	23	22	22	21	21	21
15	45	35	32	30	28	27	26	25	24	24	24	24	24
16	50	40	35	32	30	28	27	26	26	26	26	26	27
17	55	45	37	34	32	30	29	28	28	28	28	29	30
18	60	50	40	36	34	32	30	30	30	30	32	33	35
19	70	55	50	45	40	35	35	38	38	38	40	....	....
20	85	65	60	50	45	40	40	45	45	45	....	....	....
21	1 00	80		60	55	55	60	60	....	....	....	....	....
22	1 25	1 00	85	70	65	70	....	....	....	....	....	....	....

Tinned, 50 per cent. advance on List Prices.

BRASS ESCUTCHEON PINS.

Inch	3-16	1-4	3-8	1-2	5-8	3-4	7-8	1	1⅛	1¼	1½	1¾	2
Wire Gauge.													
10	....	....	$ 75	$ 73	$ 72	$ 71	$ 70	$ 69	$ 68	$ 67	$ 66	65	65
11	....	....	76	74	73	72	71	70	69	68	67	66	66
12	....	....	77	75	74	73	72	71	70	69	68	67	67
13	....	....	78	76	75	74	73	72	71	70	69	69	69
14	$ 90	$ 83	80	77	76	75	74	73	72	71	70	70	70
15	95	85	82	78	77	76	75	74	73	72	72	72	72
16	1 00	90	85	82	80	78	76	75	74	74	74	74	75
17	1 10	1 00	92	89	87	85	83	81	80	80	80	81	82
18	1 20	1 10	1 00	96	94	92	90	90	90	92	92	93	95
19	1 35	1 20	1 15	1 10	1 05	1 00	1 00	1 03	1 03	1 03	1 05	....	....
20	1 55	1 35	1 25	1 20	1 15	1 10	1 10	1 15	1 15	1 15	....	....	....
21	1 75	1 55	1 45	1 35	1 30	1 30	1 35	1 35	....	....	....	....	....
22	2 00	1 75	1 60	1 45	1 40	1 45	....	....	....	....	....	....	....

All Escutcheon Pins are put up in 1 lb. Paper Boxes.

DISCOUNTS—Iron and Steel Escutcheon Pins, *per cent.* *Brass Escutcheon Pins,* *per cent.*

APPROXIMATE NUMBER OF WIRE NAILS PER POUND.

Wire Gauge.	3-16	1-4	3-8	1-2	5-8	3-4	7-8	1	1⅛	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4	4½	5	6	7	8	9	10	11	12
00⅜	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0	....	....	....	....	....	....	....	....	....	33	27	23	20	18	16	15	14	12	10	9	8	7	6	5	4½	4	3¾	3¼
1-15-16	....	....	....	....	....	....	....	....	....	34	29	25	21	19	17	16	15	13	11	10	9	8	7	5½	5	4½	4	3½
2	....	....	....	....	....	....	....	57	50	45	38	32	28	25	23	21	19	16	14	13	11	10	8	7	6	5½	5	4½
3	....	....	....	....	....	....	....	65	58	52	44	37	30	29	26	24	22	19	16	14	13	11	9	8	7	6½	6	5½
4	....	....	....	....	....	100	87	76	67	60	50	43	35	34	30	28	25	22	19	17	15	13	11	10	8	7½	..	..
5	....	....	....	....	....	120	103	90	80	72	66	51	45	40	36	33	30	26	23	20	18	15	13	11	10	9	....	....
6	....	....	....	211	169	141	121	106	94	85	71	60	53	47	42	39	35	30	26	24	21	18	15	....	....	....	....	....
7	....	....	....	247	197	164	141	123	111	99	82	71	62	55	50	45	41	35	31	28	25	21	18	....	....	....	....	....
8	....	....	....	299	239	200	171	149	133	120	100	85	75	67	60	54	50	43	37	33	30	25	....	....	....	....	....	....
9	....	....	....	345	275	229	197	172	153	137	115	98	86	76	69	62	57	49	43	39	35	29	....	....	....	....	....	....
10	....	....	663	414	331	276	236	207	184	165	138	118	103	92	82	75	69	59	52	46	41	....	....	....	....	....	....	....
11	....	....	837	496	397	333	283	248	220	198	165	142	124	110	99	90	83	71	62	55	50	....	....	....	....	....	....	....
12	....	....	1096	628	502	418	359	314	279	251	209	179	157	139	125	114	105	90	79	70	....	....	....	....	....	....	....	....
13	....	....	1429	822	658	548	469	411	365	329	274	235	204	182	164	149	137	117	103	....	....	....	....	....	....	....	....	....
14	....	2840	1893	1072	857	714	613	536	476	429	357	306	268	238	214	195	178	153	....	....	....	....	....	....	....	....	....	....
15	....	3504	2336	1420	1136	947	811	710	631	568	473	406	350	315	284	258	236	....	....	....	....	....	....	....	....	....	....	....
16	....	4571	3048	1752	1402	1168	1001	876	778	701	584	500	438	389	350	....	....	....	....	....	....	....	....	....	....	....	....	....
17	....	6233	4156	2280	1828	1523	1305	1143	1015	913	761	653	571	508	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	....	8276	5517	3116	2495	2077	1781	1558	1385	1246	1038	890	779	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
19	....	10668	7112	4138	3310	2758	2364	2069	1839	1655	1379	1182	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	20000	15000	10000	5334	4267	3556	2933	2667	2370	2133	1778	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
21	23702	17777	11850	7500	6000	5000	4400	3750	3333	3000	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	30476	22856	15237	8888	7111	5926	5079	4444	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

These approximate numbers are an AVERAGE only; and the figures given may be varied either way by changes in the dimensions of the heads or points. Brads and no-head nails will run more to the pound than table shows, and large or thick-headed nails will run less.

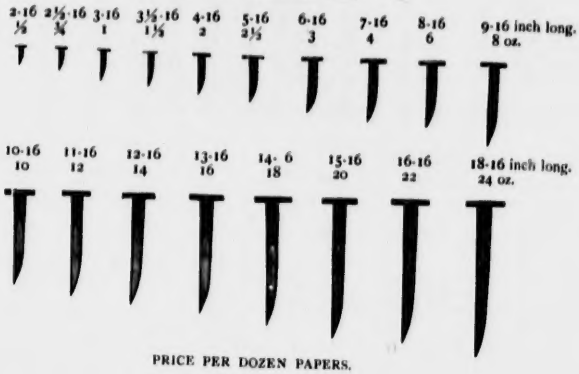
HARDWARE LIST

PECK, BENNY & CO.,

MANUFACTURERS OF

IRON, CUT NAILS, CLINCH AND PATENT PRESSED NAILS, HORSE SHOE NAILS, HORSE SHOES, SHIP AND RAILWAY SPIKES, TACKS, BRADS, SHOE AND WIRE NAILS.

CUT TACKS.



PRICE PER DOZEN PAPERS.

B B B CUT TACKS.

	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24 oz.
Full Weight,	60	60	60	62	66	72	88	102	116	130	146	160	176	190	206	220 cts.
Half Weight,	**30**	**33**	**30**	**31**	**33**	**36**	**44**	**51**	**58**	**65**	**73**	**80**	**88**	**95**	**103**	**110** cts.

SWEDES IRON AND UPHOLSTERERS' TACKS.

	½	¾	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24 oz.
Full Weight,	70	70	70	70	70	80	90	100	122	142	162	182	202	222	242	262	282	302 cts.
Half Weight,	**35**	**35**	**35**	**35**	**35**	**40**	**45**	**50**	**61**	**71**	**81**	**91**	**101**	**111**	**121**	**131**	**141**	**151** cts.

TINNED SWEDES TACKS.

	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24 oz.
Half Weight,	**58**	**58**	**58**	**64**	**70**	**82**	**93**	**104**	**121**	**132**	**150**	**172**	**190**	**207**	**225**	**242** cts.

TINNED B B B CUT TACKS.

	4	6	8	10	12	14	16 oz.
Half Weight,	**68**	**76**	**83**	**98**	**106**	**122**	**141** cts.

IN BULK AND IN POUND PAPERS.

B B B CUT TACKS.

1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24 oz.
60	**42**	**40**	**32**	**26**	**24**	**19½**	**17**	**15½**	**14½**	**14**	**13½**	**13**	**12½**	**12½**	**12¼** cts. per lb.

SWEDES IRON UPHOLSTERERS', MINERS', PAIL, CARPET TACKS.

NOT GIMP, LACE, &c.

1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24 oz.
70	**50**	**45**	**40**	**36**	**32**	**27**	**24**	**22**	**20**	**19**	**18½**	**18**	**17½**	**17**	**17** cts. per lb.

TINNED TACKS.

ALL KINDS, EXCEPTING GIMP AND LACE.

1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24 oz.
150	**100**	**75**	**68**	**62**	**55**	**41**	**35**	**32**	**30**	**29**	**29**	**28**	**28**	**27**	**27** cts. per lb.

LARGE HEAD CARPET TACKS.

LEATHERED HEADS.

CARPET TACKS.

		4	6	8	10	12	14	16 oz.
Half Weight,	B B B Iron	**36**	**44**	**51**	**58**	**65**	**73**	**80** cts.
do.	B B B Iron, Tinned	68	76	83	98	106	122	141 cts.
do.	Swedes Iron	**50**	**61**	**71**	**81**	**91**	**101**	**111** cts.
do.	Swedes Iron, Tinned	82	93	104	121	132	150	172 cts.
	Leathered, 144 to paper	36	36	36	38	40 cts.		
	Leathered, 100 to paper	**30**	**30**	**30**	**32**	**34** cts.		

GIMP TACKS.

LACE TACKS.

GIMP AND LACE TACKS—SWEDES IRON.

	1	1½	2	2½	3	4	6	8	10	12	14	16	18 oz.
Full Weight,	86	86	100	108	122	136	158	172	202	224	244	274	302 cts.
Half Weights,	**43**	**43**	**50**	**54**	**61**	**68**	**79**	**86**	**101**	**112**	**122**	**137**	**151** cts.

TINNED GIMP AND LACE.

	1	1½	2	2½	3	4	6	8	10	12	14	16	18 oz.
Half Weight,	**72**	**72**	**72**	**79**	**86**	**100**	**115**	**129**	**150**	**165**	**185**	**215**	**235** cts.

IN BULK AND IN POUND PAPERS.

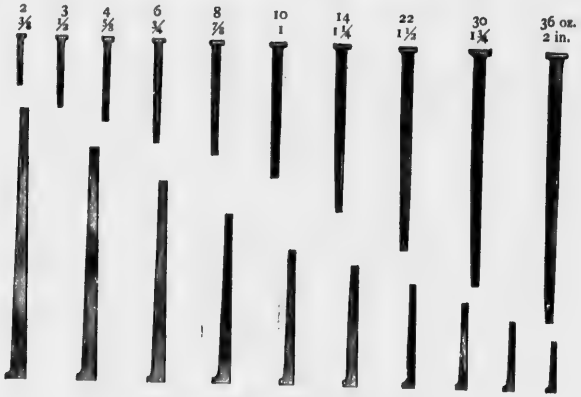
GIMP AND LACE TACKS.

1	1½	2	2½	3	4	6	8	10	12	14	16	18 oz.
115	**77**	**67**	**58**	**54**	**45**	**35**	**29**	**27**	**25**	**25**	**25**	**24** cts per lb.

TINNED GIMP AND LACE TACKS.

1	1½	2	2½	3	4	6	8	10	12	14	16	18 oz.
192	**128**	**96**	**84**	**77**	**67**	**51**	**43**	**40**	**37**	**36**	**35**	**34** cts. per lb.

PATENT BRADS



PATENT AND COMMON BRADS.

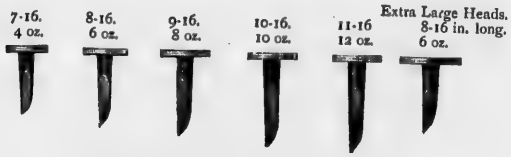
PRICE PER DOZEN PAPERS.

	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2 inches.
Full Weight,	120	120	132	144	156	192	216	228	288	360	432 cents.
Half Weight,	**60**	**60**	**66**	**72**	**78**	**96**	**108**	**114**	**144**	**180**	**216** cents.

IN BULK AND IN POUND PAPERS.

3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2 inches.
80	**53**	**44**	**32**	**26**	**25½**	**22**	**18**	**16**	**16** cents.

MINER'S TACKS



MINER'S TACKS—SWEDES IRON.

4	6	8	10	12	14	16 oz.
100	122	142	162	182	202	222 cents.
50	**61**	**71**	**81**	**91**	**101**	**111** cents.

ASSORTED TACKS.

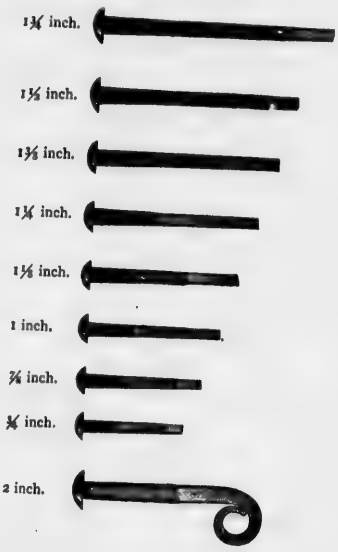
Asst.	4	6	8	10	12	14 oz.
	15	25	25	15	10	10=100 Papers.

Per box, **$3 50.**

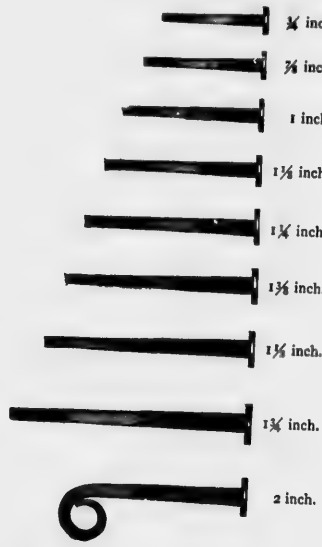
6	8	10	12	14	16 oz.
25	25	20	10	10	10=100 Papers.

Per box, **$3 75.**

TRUNK NAILS



CLOUT NAILS



TRUNK AND CLOUT NAILS.

3-8	4-8	5-8	6-8	7-8	1	1⅛	1¼	1½	1¾	2 in and upwards.
42	30	24	20	18	16	15	14	14	13	13 cents per lb.

GERMAN CLOUT NAILS.

Same list as above.

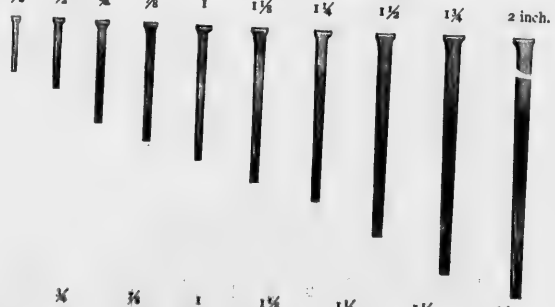
TINNED TRUNK AND CLOUT NAILS.

3-8	4-8	5-8	6-8	7-8	1	⅛	1¼	1½	1¾	2 in and upwards.
48	36	30	26	24	22	21	20	20	19	19 cents per lb.

COPPERED TRUNK AND CLOUT NAILS.

All sizes, 3-4 inch to 2 inches . . . . . 66 cents per lb.

FINISHING NAILS



⅜	½	⅝	¾	⅞	1	1⅛	1¼	1½	1¾	2 in. and upwards.
42	30	24	20	18	16	15	14	14	13	13 cents per lb.

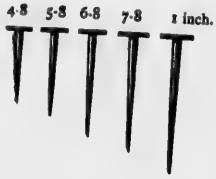
COPPER FINISHING NAILS.

All sizes, ¾ inch to 2 inches . . . . . 66 cents per lb.

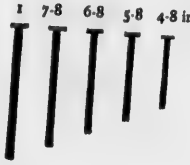
SWEDES' IRON MACHINE FINISHING NAILS.

1	1⅛	1¼	1⅛ inches.
20	19	18	18 cents per lb.

BRUSH TACKS



CIGAR BOX NAILS



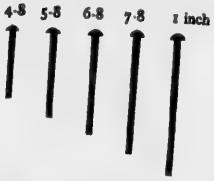
BRUSH TACKS.

4-8	4½-8	5-8	5½-8	6-8	6½-8	7-8	7½-8	8-8	9-8 inches
72	58	48	41	36	32	29	26	24	22c per lb.
All sizes, 4-8 to 1 inch									18c per M.

CIGAR BOX NAILS.

	4-8	5-8	6-8	7-8	8-8 inches
Full Weight,	8	10	12	14	16c per M.
1 lb. papers or bulk,	34	32	30	28	26c per lb.

BASKET NAILS



4-8	5-8	6-8	7-8	1	1⅛	1¼	1½ inches
32	26	22	20	18	17	16	16c per lb.

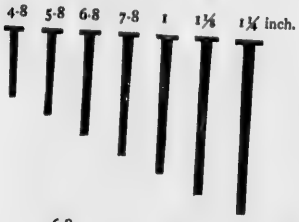
COPPER TACKS.

1	1½	2	2½	3	4 oz.
130	144	158	180	202	244c per dozen Ms.
In pound and ½ pound papers, 4-8 to 1½ inch					66c per lb.

ZINC TACKS, IN 1 POUND PAPERS.

4-8	5-8	6-8	7-8	1	1⅛	1¼ inches.
30	30	30	30	30	30	30c per lb.

CHAIR NAILS



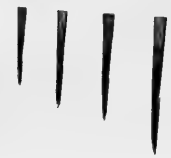
	4-8	5-8	6-8	7-8	8-8	9-8	10-8 inches
Full Weight,	9	11	13	15	18	19	20c per M.
Pound papers or bulk,	34	30	28	26	24	22	20c per lb.

LOOKING GLASS TACKS.

4-8 5-8 6-8 7-8 inch.

PICTURE FRAME POINTS.

4-8 5-8 6-8 7-8 inch.



All sizes . . . . . LOOKING GLASS TACKS. . . . . Per M., **9** cents; per lb., **36** cents.

All sizes . . . . . PICTURE FRAME POINTS. . . . . Per lb., **10** cents.

HAME NAILS.

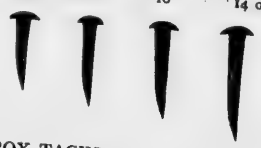
6-8 7-8 1 inch.

All sizes . . . . . lb. papers, **19** cents per lb.

CHEESE BOX TACKS.

IN BULK, PUT UP IN 25 AND 50 LB. BOXES.

6 8 10 14 oz.



CHEESE BOX TACKS, OVAL OR FLAT HEADS.

4-8	4½-8	5-8	5½-8	6-8	7-8 inch.
27	**24**	**22**	**20**	**19**	**18** cents per lb.

BLACK TRUNK TACKS.

4-8	4½-8	5-8	5½-8	6-8	7-8 inch.
24½	**21¼**	**20¼**	**18½**	**17½**	**16½** cents per lb.

TINNED TRUNK TACKS.

4-8	4½-8	5-8	5½-8	6-8	7-8 inch.
35	**29½**	**27**	**25½**	**24½**	**23½** cents per lb.

The foregoing Hardware List is subject to a discount of per cent.

In stock and made to order.

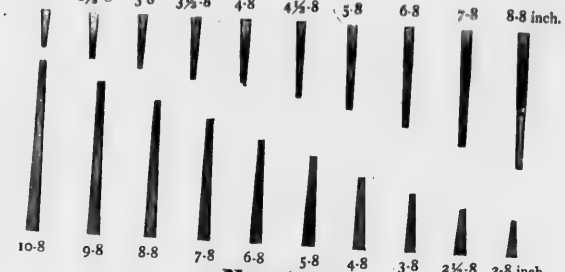
COPPER WIRF BOAT NAILS, TINNED BROOM TACKS, TEA CHEST NAILS, ETC.

Any of the above kinds Tinned, not specified, 6 cents per pound advance on List. If any of the above are furnished at different weights from those specified, the prices will be in proportion to the above List. Any size or shape of Nails, Tacks, &c., made to order from samples.

SHOE FINDERS' LIST

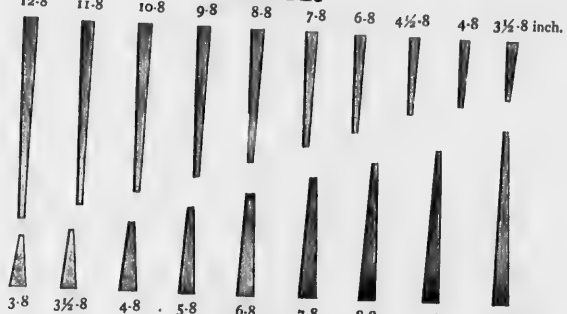
SHOE NAILS.

No. 17.



No. 16.

No. 14.



No. 11.

Iron Shoe Nails	**7½** cents per lb.
Soft Steel Shoe Nails	**9¼** " "
Swedes Iron Shoe Nails	**11** " "
Zinc Shoe Nails	**15½** " "

BIGELOW MACHINE NAILS.

	9-8	9½-8	10-8	10½-8 inch.
Zinc Countersunk Shank Nails, all sizes	**19** cents per lb.			
Zinc Diamond Head	**27** " "			

COUNTERSUNK SHANK NAILS.

	3½-8	4-8	4½-8	5-8	6-8	7-8 inch.
All Sizes	**24** cents per lb, in 1 lb. papers.					

DIAMOND HEAD SHANK NAILS.

	3½-8	4-8	4½-8	5-8 inch.
Copper and Brass Shoe Nails	**45** cents.			

HARD STEEL SHOE NAILS.

	4-8 inch and shorter	5-8 inch	6-8 inch and longer
Copper Gimp Nails	**37**	**43½**	**52** cents per M.

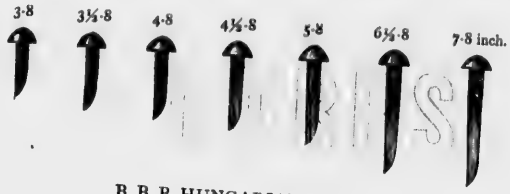
IRON GIMP NAILS.

	2½-8	3-8	3½-8	4-8	4½-8	5-8	5½-8	6-8 inch
Copper Gimp Nails	**65**	**46**	**40½**	**32½**	**29¼**	**27**	**24**	**21½** cents per lb.

COPPER GIMP NAILS.

68 cents per lb.

ROUND HEAD HUNGARIAN NAILS



B B B HUNGARIAN NAILS.

2·8 and 2½ 8 inch	3·8 and 3½·8 inch	4·8 inch and longer.
15	**13**	**12** cents per lb.

SWEDES IRON HUNGARIAN NAILS.

2·8 and 2½·8 inch	3·8 and 3½·8 inch	4·8 inch and longer.
16	**15¼**	**14½** cents per lb

MINERS' TACKS.

3·8 inch	3½·8 inch	4·8 inch and longer.
21	**18**	**16** cents per lb.

COUNTERSUNK SWEDES NAILS.

3·8	3½·8	4·8 and 4½·8	5·8 and 5½·8	6·8	7·8	8·8 inch and longer.
29	**24¼**	**21¼**	**20¼**	**19**	**17½**	**16** cents per lb.

HOB NAILS, SWEDES IRON.

All sizes . . . . . **14** cents per lb., in 1 lb. papers

SHOE TACKS

1·2 oz.	3·4 oz.	1 oz.	1½ oz.	2 oz.	2½ oz.	3 oz.	4 oz.
$1 00 3¼	**60** 3¼	**41** 3¼	**26** 3¼	**22** 4	**20** 4½	**19** 4⅞	**19** cents per lb. 4⅞ per m.

CHANNEL NAILS.

2½·8 inch	3·8 inch	3½·8 inch	4·8 inch	4½·8 inch	5·8 inch and longer.
65	**38**	**32**	**25**	**23**	**21** cents per lb.

HEEL PLATE NAILS.

Heel Plate Nails . . . . . **12** cents per lb.

The foregoing Shoe Finders' List is subject to a discount of per cent.

Any of the above kinds Tinned, not specified, 5 cents per pound advance. Any variation from the regular size or shape made from samples to order.

LONDON

BRASS WIRE SHOE RIVETS

Sizes	3-8	3½-8	4-8	4½-8	5-8	5½-8	6-8	7-8 inch.
All Sizes								cents per lb.

IRON WIRE SHOE RIVETS.

All Sizes . . . . . cents per lb.

SLOT HEAD WIRE NAILS.

Iron, All Sizes . . . . . cents per lb.

IMPROVED BRASS SHOE NAILS.

No. 16	3-8	3½-8	4-8	4½-8	5-8	5½-8	6-8	6½-8	7-8 inches long.
		3-8 to 4-8			4½-8 to 5½-8			6-8 to 7-8 inch.	
		35			34			33 cents per lb.	

In ordering "Brass Wire Shoe Rivets," "Improved Brass Shoe Nails," or "Ordinary Brass Shoe Nails," please be particular to name in full what is required.

OVAL LINING NAILS.

Silver or Japanned, 2½ to 12 oz., 75 to paper	4 cents per paper
Silver or Japanned, 14 to 24 oz., 75 to paper	5 cents per paper
Silver or Japanned, 2½ to 12 oz., 100 to paper	5 cents per paper
Silver or Japanned, 14 to 24 oz., 100 to paper	6 cents per paper

SADDLE NAILS.

FLAT OR OVAL, SILVER OR JAPANNED.

		100 to Paper.	75 to Paper.
No. 1	3 to 12 oz.	7 cents,	5½ cents per paper
No. 1	14 to 24 oz.	8 cents,	5½ cents per paper
No. 1	3 to 16 oz.		5½ cents per paper
No. 2	8 to 24 oz.	8 cents,	6½ cents per paper
No. 3	12 oz. to 1⅛ inch	10 cents,	8 cents per paper
No. 4	16 oz. to 1¼ inch	12 cents,	9½ cents per paper
No. 5	16 oz. to 1¼ inch	14 cents,	11 cents per paper
No. 6	16 oz. to 1¼ inch	16 cents,	13 cents per paper

TUFTING BUTTONS.

Japanned and Silver, 18, 20 and 22 line	$2 50 per great gross
Japanned and Silver, 24 line	2 90 per great gross
Japanned and Silver, 26 and 27 line	3 50 per great gross
Colors, all sizes	3 50 per great gross
Japanned and Silver, 20 and 22 line, 100 in each paper	1 88 per doz. papers

TIN CAPPED TRUNK NAILS.

1-2	3-4 and 7-8	1 and 1 1-8	1 1-4	1 1-2 and longer
23	21	17	16	15 cents per lb.

TRUNK RIVETS.

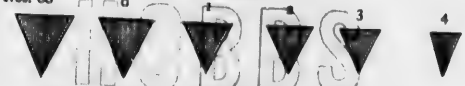
1½ inch and longer . . . . . 17 cents per gross

TIN TIPPED TRUNK RIVETS.

¾ to 1⅛ . . . . . 17 cents per gross

GLAZIERS' POINTS

SHARPS.



TRIANGLE.

IN HALF POUND PAPERS.

Tin, all sizes . . . . . **8** cents per paper | Zinc, all sizes . . . . . **7** cents per paper. | Iron, all sizes . . . . . **9** cents per paper

DOUBLE POINTED STEEL CARPET TACKS

No. **9** . . . Per Box, **$0 10** Per Case, **$14 40**
No. **10** . . . Per Box, **0 10** Per Case, **14 40**
No. **11** . . . Per Box, **$0 10** Per Case, **$14 40**
No. **12** . . . Per Box, **0 12** Per Case, **17 28**
No. **14** . . . Per Box, **$0 15** Per Case, **$21 60**

These tacks being made of Tempered Steel Wire, can be used several times, as they can be easily taken up without damage. There is less danger of tearing the carpets and a less number required than with the old tack. Put up in cases containing 12 packages, each package containing 12 boxes.

STEEL WIRE STAPLES

BARBED BLIND STAPLES.

⅜	½	⅝	¾ inch long.
24	**20**	**20**	**20** cents per pound.

The superiority of these Staples consists in their uniformity in regard to length, shape, points and barbi[illegible] and for use in Blind Wiring Machines cannot be excelled. Put [illegible] in 10 pound boxes.

BARBED BED STAPLES.

⅝	¾	⅞	1 inch long.
15	**15**	**15**	**15** cents per pound.

Made of the best Coppered Steel Wire. Put up in 10, 50 and 100 pound boxes.

FLAT COPPERED STEEL STAPLES.

1 to 1¼ inches long, **20** cents per pound. Put up in 1 pound packages or 10 pound boxes.

BARREL AND BOX STAPLES.

¾ inch long, made of No. 14 Coppered Steel Wire, **12** cents per pound. Put up in 50 and 100 pound boxes.

GALVANIZED STEEL FENCE STAPLES.

1¼ to 2 inches long, made of Nos. 8 and 9 Wire, **8** cents per pound. 1 and 1¼ inches long, made of No. 12 Wire, **12½** cents per pound. Put up in 50 and 100 pound boxes.

PATENT IRON WOOD SCREWS

PRICE PER GROSS.

¼ inch.		⅜ inch.		½ inch.		⅝ inch.		¾ inch.		⅞ inch.		1 inch.	
No.	$	No.	$	No.	$	No.	$	No.	$	No.	$	No.	$
0 at	.14	1 at	.14	2 at	.14	2 at	.16	4 at	.17	4 at	.21	4 at	.21
1 "	.14	2 "	.14	3 "	.14	3 "	.16	5 "	.19	5 "	.22	5 "	.22
* 2 "	.14	3 "	.14	4 "	.14	4 "	.16	6 "	.20	6 "	.23	6 "	.23
3 "	14	4 "	.14	5 "	.15	5 "	.17	7 "	.22	7 "	.24	7 "	.24
4 "	.14	5 "	.15	6 "	.16	6 "	.19	8 "	.23	8 "	.25	8 "	.25
		6 "	.16	* 7 "	.19	* 7 "	.20	9 "	.24	9 "	.26	9 "	.26
		7 "	.19	8 "	.20	8 "	.22	* 10 "	.25	* 10 "	.28	* 10 "	.28
		8 "	.20	9 "	.22	9 "	.23	11 "	.28	11 "	.31	11 "	.31
		9 "	.22	10 "	.23	10 "	.25	12 "	.29	12 "	.34	12 "	.34
		10 "	.23	11 "	.25	11 "	.27	13 "	.34	13 "	.37	13 "	.37
				12 "	.27	12 "	.28	14 "	.37	14 "	.40	14 "	.40
						13 "	.33	15 "	.42	15 "	.45	15 "	.45
								16 "	.46	16 "	.52	16 "	.52

1¼ inch.		1½ inch		1¾ inch.		2 inch.		2¼ inch.		2½ inch.		2¾ inch.	
No.	$	No.	$	No.	$	No.	$	No.	$	No	$	No.	$
5 at	.26	6 at	.30	7 at	.38	8 at	.40	9 at	.48	10 at	.54	11 at	.67
6 "	.27	7 "	.31	8 "	.38	9 "	.42	10 "	.50	11 "	.60	12 "	.74
7 "	.28	8 "	.33	* 9 "	.39	10 "	.43	11 "	.53	* 12 "	.67	13 "	.80
8 "	.29	* 9 "	.34	10 "	.40	11 "	.47	12 "	.60	13 "	.73	14 "	.88
9 "	.31	10 "	.35	* 11 "	.43	* 12 "	.53	* 13 "	.67	14 "	.80	* 15 "	.95
* 10 "	.34	11 "	.38	12 "	.47	13 "	.60	14 "	.73	15 "	.88	16 "	1.03
11 "	.35	12 "	.42	13 "	.54	14 "	.67	15 "	.80	16 "	.95	18 "	1.30
12 "	.38	* 13 "	.47	14 "	.60	15 "	.73	16 "	.88	* 18 "	1.10	20 "	1.50
13 "	.42	14 "	.54	* 15 "	.67	16 "	.80	* 18 "	1.03	20 "	1.27	22 "	1.73
14 "	.47	15 "	.60	16 "	.73	18 "	.95	20 "	1.18	22 "	1.47	24 "	2.07
* 15 "	54	* 16 "	.67	18 "	.88	* 20 "	1.10	* 22 "	1.37	24 "	1.74		
16 "	.60	18 "	.80	20 "	1.03	* 22 "	1.27	24 "	1.64	26 "	2.10		
* 18 "	.72	20 "	.95	22 "	1.20	24 "	1.44						
20 "	.90	22 "	1.10	24 "	1.33								

3 inch.		3½ inch.		4 inch.		4½ inch.		5 inch.		6 inch.	
No.	$	No.	$	No.	$	No.	$	No.	$	No.	$
10 at	.67	16 at	1.43	18 at	1.97	18 at	2.50	20 at	3.10	24 at	5.30
12 "	.80	18 "	1.80	20 "	2.30	20 "	2.75	22 "	3.60	* 26 "	6.15
14 "	.95	20 "	2.13	* 22 "	2.60	* 22 "	3.25	* 24 "	4.00	28 "	7.50
15 "	1.03	22 "	2.47	24 "	2.87	24 "	3.75	26 "	4.40	30 "	9.00
16 "	1.17	24 "	2.73	26 "	3.30	26 "	4.00				
* 18 "	1.45	26 "	3.10								
20 "	1.72										
22 "	2.03										
24 "	2.34										
26 "	2.70										

*The number of Gross in a Bundle is indicated by small figures on the side, divided by a star (*).

Round Head Screws are charged one size in advance; Blued Screws, two sizes in advance.

PATENT BRASS WOOD SCREWS

HOBBS HARDWARE CO. LONDON

PRICE PER GROSS.

¼ inch.		⅜ inch.		½ inch.		⅝ inch.		¾ inch.		⅞ inch.		1 inch.	
No.	$	No.	$	No.	$	No.	$	No.	$	No.	$	No.	$
0 at	.30	1 at	.30	1 at	.30	2 at	.34	4 at	.37	4 at	.55	4 at	.55
1 "	.30	2 "	.30	2 "	.30	3 "	.34	5 "	.40	5 "	.55	5 "	.55
2 "	.30	3 "	.30	3 "	.30	4 "	.34	6 "	.45	6 "	.55	6 "	.55
3 "	.30	4 "	.30	4 "	.30	5 "	.37	7 "	.50	7 "	.60	7 "	.60
		5 "	.32	5 "	.32	6 "	.40	8 "	.54	8 "	.67	8 "	.67
		6 "	.35	6 "	.35	7 "	.45	9 "	.60	9 "	.74	9 "	.74
		7 "	.40	7 "	.40	8 "	.49	10 "	.67	10 "	.82	10 "	.82
				8 "	.45	9 "	.54	11 "	.77	11 "	.90	11 "	.90
				9 "	.50	10 "	.60	12 "	.87	12 "	1.00	12 "	1.00
				10 "	.55	11 "	.67	13 "	.97	13 "	1.12	13 "	1.12
						12 "	.74	14 "	1.20	14 "	1.25	14 "	1.25
								15 "	1.40	15 "	1.40	15 "	1.40
								16 "	1.57	16 "	1.57	16 "	1.57

1¼ inch.		1½ inch.		1¾ inch.		2 inch.		2¼ inch.		2½ inch.		3 inch.	
No.	$	No.	$	No.	$	No.	$	No.	$	No.	$	No.	$
6 at	.65	7 at	.94	8 at	1.10	9 at	1.49	10 at	1.65	11 at	2.00	14 at	3.12
7 "	.72	8 "	.94	9 "	1.32	10 "	1.49	11 "	1.82	12 "	2.30	15 "	3.40
8 "	.80	9 "	1.04	10 "	1.65	11 "	1.64	12 "	2.00	13 "	2.42	16 "	3.70
9 "	.89	10 "	1.15	11 "	1.65	12 "	1.80	13 "	2.20	14 "	2.65	18 "	4.40
10 "	.99	11 "	1.27	12 "	1.00	13 "	2.00	14 "	2.42	15 "	2.90	20 "	5.17
11 "	1.09	12 "	1.40	13 "	1.77	14 "	2.19	15 "	2.65	16 "	3.17	22 "	6.00
12 "	1.20	13 "	1.55	14 "	1.95	15 "	2.40	16 "	2.90	18 "	3.80	24 "	6.94
13 "	1.34	14 "	1.72	15 "	2.15	16 "	2.64	18 "	3.50	20 "	4.50	26 "	8.00
14 "	1.49	15 "	1.90	16 "	2.37	18 "	3.20	20 "	4.17	22 "	5.30	28 "	10.00
15 "	1.65	16 "	2.10	18 "	2.90	20 "	3.84	22 "	4.92	24 "	6.14	30 "	12.00
16 "	1.84	18 "	2.60	20 "	3.50	22 "	4.55	24 "	5.74	26 "	7.20		
18 "	2.30	20 "	3.17	22 "	4.19	24 "	5.34	26 "	6.80	28 "	8.80		
20 "	2.84			24 "	4.95								

* The number of Gross in a bundle is indicated by small figures on the side, divided by a star (*).

Round Head Screws are charged one size in advance.

BURNISHING.

ROUND, OVAL, OR FLAT HEAD SCREWS.

Cents,	14,	16,	20,	24,	28,	35,	42,	49,	62,	75,	85,	95,	105,	120,	150,
No.	0 to 9,	10,	11,	12,	13,	14,	15,	16,	18,	20,	22,	24,	26,	28,	30.

POLISHING.

ROUND, OVAL, OR FLAT HEAD SCREWS.

Cents,	6,	7,	8,	9,	10,	12,	14,	17,	20,	24,	29,	35,	42,	50,	60,
No.	0 to 9,	10,	11,	12,	13,	14,	15,	16,	18,	20,	22,	24,	26,	28,	30,

SILVER CAPPED WOOD SCREWS

ON IRON.

PRICE PER GROSS.

½ inch.	⅝ inch.	¾ inch.	⅞ inch.	1 inch.	1¼ inch.	1½ inch.
No. $	No. $	No. $	No. $	No. $	No. $	No. $
4 at .84	4 at .88	4 at .90	6 at 1.21	6 at 1.27	6 at 1.50	7 at 1.88
5 " .93	5 " .98	5 " 1.04	7 " 1.34	7 " 1.40	7 " 1.55	8 " 1.94
6 " 1.07	6 " 1.13	6 " 1.16	8 " 1.47	8 " 1.53	8 " 1.65	9 " 2.05
7 " 1.20	7 " 1.25	7 " 1.30	9 " 1.61	9 " 1.68	9 " 1.80	10 " 2.15
8 " 1.35	8 " 1.40	8 " 1.44	10 " 1.69	10 " 1.75	10 " 1.95	11 " 2.38
9 " 1.50	9 " 1.55	9 " 1.57	11 " 1.85	11 " 1.94	11 " 2.10	12 " 2.50
10 " 1.60	10 " 1.63	10 " 1.65	12 " 2.00	12 " 2.10	12 " 2.25	13 " 2.85
	11 " 1.80	11 " 1.82	13 " 2.35	13 " 2.45	13 " 2.60	14 " 3.15
	12 " 1.90	12 " 1.95	14 " 2.50	14 " 2.70	14 " 2.80	15 " 3.50
		13 " 2.30	15 " 2.75	15 " 2.95	15 " 3.24	16 " 3.90
		14 " 2.45	16 " 3.10	16 " 3.35	16 " 3.68	17 " 4.40
					17 " 4.00	18 " 4.80
					18 " 4.40	20 " 5.85

1¾ inch.	2 inch.	2¼ inch.	2½ inch.	2¾ inch.	3 inch.
No. $	No. $	No. $	No. $	No. $	No. $
7 at 2.15	9 at 2.40	10 at 2.85	10 at 3.45	14 at 4.60	14 at 5.00
8 " 2.20	10 " 2.50	11 " 3.00	11 " 3.55	16 " 5.40	16 " 6.10
9 " 2.30	11 " 2.70	12 " 3.25	12 " 3.65	18 " 6.55	18 " 7.55
10 " 2.40	12 " 3.00	13 " 3.75	13 " 4.00	20 " 8.15	20 " 9 15
11 " 2.55	13 " 3.45	14 " 4.00	14 " 4.25		
12 " 2.80	14 " 3.75	15 " 4.30	15 " 4.75		
13 " 3.12	15 " 4.05	16 " 4.80	16 " 5.10		
14 " 3.45	16 " 4.40	17 " 5.20	17 " 5.55		
15 " 3.80	17 " 5.00	18 " 5.70	18 " 6.10		
16 " 4.10	18 " 5.40	20 " 6.75	20 " 7.30		
17 " 4.60	20 " 6.50				
18 " 5.10					
20 " 6.05					

COFFIN HANDLE SCREWS

SILVER PLATED.

ROUND AND OVAL HEAD.

½ inch.	⅝ inch.	¾ inch.	⅞ inch.	1 inch.	1¼ inch.	1½ inch.
No. $	No. $	No. $	No. $	No, $	No. $	No. $
4 at .56	4 at .61	5 at .66	7 at .75	7 at .82	8 at 1.00	9 at 1.26
5 " .58	5 " .62	6 " .69	8 " .79	8 " .88	9 " 1.10	10 " 1.34
6 " .60	6 " .65	7 " .72	9 " .90	9 " 1.00	10 " 1.23	
	7 " .67	8 " .75	10 " 1.06	10 " 1.14		
	8 " .70	9 " .83				
	9 " .76					

Other sizes furnished to order.

NICKEL PLATED IRON WOOD SCREWS

PRICE PER GROSS.

½ inch.		⅝ inch.		¾ inch.		⅞ inch.		1 inch.	
No.	$	No.	$	No.	$	No.	$	No.	$
4	1.02	4	1.04	4	1.05	6	1.11	6	1.11
5	1.03	5	1.05	5	1.07	7	1.12	7	1.12
6	1.04	6	1.07	6	1.08	8	1.13	8	1.13
7	1.07	7	1.08	7	1.10	9	1.14	9	1.14
8	1.08	8	1.10	8	1.11	10	1.16	10	1.16
9	1.10	9	1.11	9	1.12	11	1.19	11	1.19
10	1.11	10	1.13	10	1.13	12	1.22	12	1.22
				11	1.16	13	1.25	13	1.25
				12	1.17	14	1.28	14	1.28
				13	1.22	15	1.33	15	1.33
				14	1.25	16	1.40	16	1.40

1¼ inch.		1½ inch.		1¾ inch.		2 inch.		2¼ inch.	
No.	$	No.	$	No.	$	No.	$	No.	$
6	1.27	7	1.31	7	1.38	9	1.42	10	1.63
7	1.28	8	1.33	8	1.38	10	1.43	11	1.66
8	1.29	9	1.34	9	1.39	11	1.47	12	1.73
9	1.31	10	1.35	10	1.40	12	1.53	13	1.80
10	1.34	11	1.38	11	1.43	13	1.60	14	1.86
11	1.35	12	1.42	12	1.47	14	1.67	15	1.93
12	1.38	13	1.47	13	1.54	15	1.73	16	2.01
13	1.42	14	1.54	14	1.60	16	1.80	18	2.16
14	1.47	15	1.60	15	1.67	18	1.95	20	2.31
15	1.54	16	1.67	16	1.73	20	2.10		
16	1.60	18	1.80	18	1.88				
18	1.72	20	1.95	20	2.03				

2½ inch.		2¾ inch.		3 inch.	
No.	$	No.	$	No.	$
10	1.67	14	2.01	14	2.08
11	1.73	16	2.16	16	2.30
12	1.80	18	2.43	18	2.58
13	1.86	20	2.63	20	2.85
14	1.93				
15	2.01				
16	2.08				
18	2.23				
20	2.40				

Round Head Screws are Charged one size in advance.

E. O. LONDON

PATENT IRON WOOD SCREWS

APPROXIMATE WEIGHT PER GROSS.

¼ inch.

No.	Pounds.
0	.0260
1	.0391
2	.0562
3	.0764
4	.0992

⅜ inch.

No.	Pounds.
0	.0366
1	.0545
2	.0773
3	.1039
4	.1331
5	.1677
6	.2031
7	.2492
8	.3009
9	.3585

½ inch.

No.	Pounds.
1	.0694
2	.0978
3	.1303
4	.1654
5	.2056
6	.2560
7	.3128
8	.3762
9	.4464
10	.5237
11	.6084
12	.7006

⅝ inch.

No.	Pounds.
1	.0840
2	.1177
3	.1557
4	.1959
5	.2489
6	.3089
7	.3763
8	.4514
9	.5342
10	.6252
11	.7244
12	.8322
13	.9488
14	1.0744

¾ inch.

No.	Pounds.
2	.1369
3	.1801
4	.2304
5	.2921
6	.3618
7	.4399
8	.5266
9	.6221
10	.7266
11	.8404
12	.9638
13	1.0969
14	1.2400
15	1.3934
16	1.5574

⅞ inch.

No.	Pounds.
2	.1554
3	.2034
4	.2649
5	.3353
6	.4147
7	.5035
8	.6018
9	.7099
10	.8281
11	.9565
12	1.0954
13	1.2451
14	1.4057
15	1.5776
16	1.7610

1 inch.

No.	Pounds.
3	.2302
4	.2994
5	.3785
6	.4676
7	.5671
8	.6770
9	.7978
10	.9295
11	1.0725
12	1.2270
13	1.3932
14	1.5714
15	1.7617
16	1.9647
17	2.1800
18	2.4084
20	2.9047

1¼ inch.

No.	Pounds.
4	.3684
5	.4649
6	.5734
7	.6942
8	.8275
9	.9734
10	1.1324
11	1.3046
12	1.4902
13	1.6895
14	1.9027
15	2.1300
16	2.3720
17	2.6282
18	2.8994
20	3.4875
22	4.1378
24	4.8524

1½ inch.

No.	Pounds.
4	.4374
5	.5514
6	.6792
7	.8213
8	.9779
9	1.1491
10	1.3353
11	1.5367
12	1.7534
13	1.9858
14	2.2340
15	2.4984
16	2.7793
17	3.0764
18	3.3905
20	4.0702
22	4.8200
24	5.6419

1¾ inch.

No.	Pounds
6	.7850
7	.9485
8	1.1283
9	1.3248
10	1.5382
11	1.7687
12	2.0166
13	2.2821
14	2.5653
15	2.8667
16	3.1865
17	3.5246
18	3.8816
20	4.6529
22	5.5022
24	6.4313

2 inch.

No.	Pounds.
6	.8908
7	1.0756
8	1.2788
9	1.5005
10	1.7411
11	2.0008
12	2.2798
13	2.5784
14	2.8966
15	3.2350
16	3.5938
17	3.9728
18	4.3727
20	5.2356
22	6.1843
24	7.2208

2¼ inch.

No.	Pounds.
8	1.4292
9	1.6762
10	1.9440
11	2.2329
12	2.5430
13	2.8747
14	3.2280
15	3.6034
16	4.0011
17	4.4210
18	4.8638
20	5.8183
22	6.8665
24	8.0103

2½ inch.

No.	Pounds.
8	1.5796
9	1.8519
10	2.1469
11	2.4649
12	2.8062
13	3.1710
14	3.5593
15	3.9717
16	4.4084
17	4.8692
18	5.3549
20	6.4010
22	7.5487
24	8.7998

2¾ inch.

No.	Pounds.
10	2.3498
11	2.6970
12	3.0694
13	3.4673
14	3.8906
15	4.3400
16	4.8157
17	5.3052
18	5.8160
20	[illegible]
22	[illegible]
24	[illegible]
26	11.9607

3 inch.

No.	Pounds.
10	2.5527
11	2.9291
12	3.3326
13	3.7636
14	4.2220
15	4.7084
16	5.2230
17	5.7656
18	6.3370
20	7.5665
22	8.9131
24	10.3787
26	11.9653

3½ inch.

No.	Pounds.
10	2.9585
11	3.3932
12	3.8590
13	4.3561
14	4.8846
15	5.4450
16	6.0376
17	6.6620
18	7.3192
20	8.7319
22	10.2774
24	11.9577
26	13.7745

4 inch.

No.	Pounds.
12	[illegible]
14	[illegible]
16	[illegible]
18	[illegible]
20	[illegible]
22	11.0418
24	13.5366
26	15.5837

4½ inch.

No.	Pounds.
[illegible]	7.6667
[illegible]	[illegible].2836
20	11.0628
22	13.0061
24	15.1156
26	17.3929

5 inch.

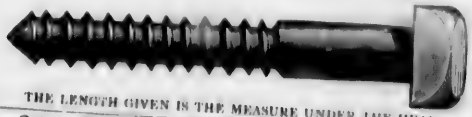
No.	Pounds.
18	10.2657
20	12.2282
22	14.3705
[illegible]	16.6945
26	19.2021
28	21.8952

6 inch.

No.	Pounds.
20	14.5590
22	17.0992
24	19.8525
26	22.8205
28	26.0054
30	29.4091

For weight of Brass Screws add $\frac{7}{10}$ per cent. to these weights.

COACH OR LAG SCREWS

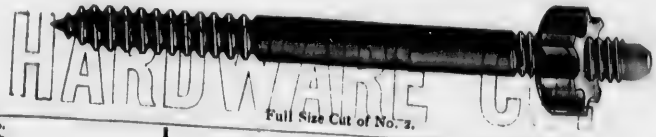


THE LENGTH GIVEN IS THE MEASURE UNDER THE HEAD.

1-4	×	1½	2	2½	3	3½	4	4½	5	5½	6						
	Per hundred,	$2 70	2 90	3 10	3 30	3 50	3 70	3 90	4 10	4 30	4 50						Packed 100 in a box.
5-16	×	1½	2	2½	3	3½	4	4½	5	5½	6						
	Per hundred,	$2 70	2 90	3 10	3 30	3 50	3 70	3 90	4 10	4 30	50						Packed 100 in a box.
3-8	×	1½	2	2½	3	3½	4	4½	5	5½	6						
	Per hundred,	$3 10	3 30	3 50	3 70	3 90	4 10	4 30	4 50	4 70	4 90						Packed 100 in a box
7-16	×	1½	2	2½	3	3½	4	4½	5	5½	6	7	8	9			
	Per hundred,	$4 00	4 25	4 50	4 75	5 00	5 25	5 60	5 75	6 00	6 25	6 75	7 25	7 75			
		Packed 100 in a box							Packed 50 in a box					In bulk.			
1-2	×	1½	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10	11	12
	Per hundred,	$4 30	4 60	4 90	5 20	5 50	5 80	6 10	6 40	6 70	7 00	7	8 20	8 80	9 40	10 00	10 60
		Packed 100 in box					Packed 50 in a box						25 in box			In bulk	
9-16	×	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	
	Per hundred,	$6 50	6 90	7 30	7 70	8 10	8 50	8 90	9 30	9 70	10 50	11 30	12 10	12 90	13 70	14 50	
						Packed 25 in a box								In bulk			
5-8	×	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	
	Per hundred,	$6 50	6 90	7 30	7 70	8 10	8 50	8 90	9 30	9 70	10 50	11 30	12 10	12 90	13 70	14 50	
						Packe 25 in a box								In bulk			
3-4	×	2½	3	3½	4	4½	5	5½	6	7	8	9	10	11	12		
	Per hundred,	$10 00	10 50	11 00	11 50	12 00	12 50	13 00	13 50	14 50	15 50	16 50	17 50	18 50	19 50		
								In bulk									

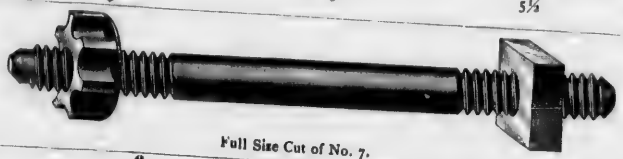
HAND OR STAIR RAIL SCREWS

SUPERIOR QUALITY AND FINISH.



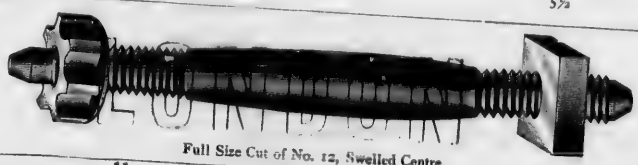
Full Size Cut of No. 2.

5-16	Nos.	1	2	3	4
	Inch,				
	Per gross,	$ 4	4½	5	5½
3-8	Nos.	23	24	25	5
	Inch,				
	Per gross,	$ 4½	5	5½	6



Full Size Cut of No. 7.

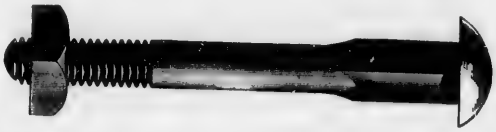
5-16	Nos.	6	7	8	9
	Inch,				
	Per gross,	$ 4	4½	5	5½
3-8	Nos.	26	27	28	10
	Inch,				
	Per gross,	$ 4½	5	5½	6



Full Size Cut of No. 12, Swelled Centre.

7-16	Nos.	11	12	13	14	15
	Inch,					
	Per gross,	$ 4	4½	5	5½	6

CARRIAGE BOLTS



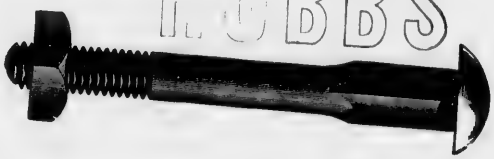
WITH FORGED NUTS, TURNED HEADS AND FINISHED POINTS.

Diameter.	Length of Bolt and Price per Hundred.										
3-16 & 1-4	1 $1 35	1¼ 1 35	1½ 1 35	1¾ 1 40	2 1 45	2¼ 1 50	2½ 1 55	2¾ 1 60	3 1 65	3¼ 1 70	3½ 1 75
	3¾ $1 80	4 1 85	4¼ 1 90	4½ 1 95	4¾ 2 00	5 2 05	5¼ 2 10	5½ 2 15	5¾ 2 20	6 2 25	6¼ 2 30
	6½ $2 35	7 2 45	7½ 2 55	8 2 65	8½ 2 75	9 2 85	9½ 2 95	10 3 05	10½ 3 15	11 3 25	12 3 45
5-16	1 $1 60	1¼ 1 60	1½ 1 60	1¾ 1 68	2 1 75	2¼ 1 83	2½ 1 90	2¾ 1 98	3 2 05	3¼ 2 13	3½ 2 20
	3¾ 2 28	4 2 35	4¼ 2 43	4½ $2 50	4¾ 2 58	5 2 65	5¼ 2 73	5½ 2 80	5¾ 2 88	6 2 95	6¼ 3 03
	6½ 3 10	7 3 25	7½ 3 40	8 3 55	8½ 3 70	9 3 85	9½ $4 00	10 4 15	10½ 4 30	11 4 45	11½ 4 60
	12 4 75	12½ 4 90	13 5 05	13½ 5 20	14 5 35	14½ 5 50	15 5 65	15½ 5 80	16 5 95		
3-8	1 $2 30	1¼ 2 30	1½ 2 30	1¾ 2 30	2 2 30	2¼ 2 40	2½ 2 50	2¾ 2 60	3 2 70	3¼ 2 80	3½ 2 90
	3¾ 3 00	4 3 10	4¼ 3 20	4½ $3 30	4¾ 3 40	5 3 50	5¼ 3 60	5½ 3 70	5¾ 3 80	6 3 90	6¼ 4 00
	6½ 4 10	7 4 30	7½ 4 50	8 4 70	8½ 4 90	9 5 10	9½ $5 30	10 5 50	10½ 5 70	11 5 90	11½ 6 10
	12 6 30	12½ 6 50	13 6 70	13½ 6 90	14 7 10	14½ 7 30	15 7 50	15½ 7 70	16 7 90		
7-16	1 $3 10	1¼ 3 10	1½ 3 10	1¾ 3 10	2 3 10	2¼ 3 23	2½ 3 35	2¾ 3 48	3 3 60	3¼ 3 73	3½ 3 85
	3¾ 3 98	4 4 10	4¼ 4 23	4½ $4 35	4¾ 4 48	5 4 60	5¼ 4 73	5½ 4 85	5¾ 4 98	6 5 10	6¼ 5 23
	6½ 5 35	7 5 60	7½ 5 85	8 6 10	8½ 6 35	9 6 60	9½ $6 85	10 7 10	10½ 7 35	11 7 60	11½ 7 85
	12 8 10	12½ 8 35	13 8 60	13½ 8 85	14 9 10	14½ 9 35	15 9 60	15½ 9 85	16 10 1c		
1-2	1 $3 80	1¼ 3 80	1½ 3 80	1¾ 3 80	2 3 80	2¼ 3 96	2½ 4 12	2¾ 4 28	3 4 44	3¼ 4 60	3½ 4 76
	3¾ 4 92	4 5 08	4¼ 5 24	4½ $5 40	4¾ 5 56	5 5 72	5¼ 5 88	5½ 6 04	5¾ 6 20	6 6 36	6¼ 6 52
	6½ 6 68	7 7 00	7½ 7 32	8 7 64	8½ 7 96	9 8 28	9½ $8 60	10 8 92	10½ 9 24	11 9 56	11½ 9 88
	12 10 20	12½ 10 52	13 10 84	13½ 11 16	14 11 48	14½ 11 80	15 12 12	15½ 12 44	16 12 76		
9-16 & 5-8	1 $7 50	1¼ 7 50	1½ 7 50	1¾ 7 50	2 7 50	2¼ 7 50	2½ 7 50	2¾ 7 50	3 7 50	3¼ 7 75	3½ 8 00
	3¾ 8 25	4 8 50	4¼ 8 75	4½ $9 00	4¾ 9 25	5 9 50	5¼ 9 75	5½ 10 00	5¾ 10 25	6 10 50	6¼ 10 75
	6½ 11 00	7 11 50	7½ 12 00	8 12 50	8½ 13 00	9 13 50	9½ $14 00	10 14 50	10½ 15 00	11 15 50	11½ 16 00
	12 16 50	12½ 17 00	13 17 50	13½ 18 00	14 18 50	14½ 19 00	15 19 50	15½ 20 00	16 20 50		
3-4	3 $13 50	3¼ 13 85	3½ 14 20	3¾ 14 55	4 14 90	4¼ 15 25	4½ 15 60	4¾ 15 95	5 16 30	5¼ 16 65	5½ 17 00
	5¾ 17 35	6 $17 70	6¼ 18 05	6½ 18 40	7 19 10	7½ 19 80	8 20 50	8½ 21 20	9 21 90	9½ 22 60	10 23 30
	10½ 24 00	11 24 70	11½ $25 40	12 26 10	12½ 26 80	13 27 50	13½ 28 20	14 28 90	14½ 29 60	15 30 30	15½ 31 00
	16 31 70										

FULL SQUARE CARRIAGE BOLTS

WARRANTED OF GENUINE NORWAY IRON.

HOBBS



WITH FORGED NUTS, TURNED HEADS AND FINISHED POINTS.

PRICE PER HUNDRED.

3-16 & 1-4			5-16			3-8			7-16			1-2			9-16 & 5-8		
1	inch	$2 40	1	inch	$3 00	1	inch	$3 70	1	inch	$5 20	1	inch	$6 25	1	inch	$11 80
1¼	"	2 40	1¼	"	3 00	1¼	"	3 70	1¼	"	5 40	1¼	"	6 50	1¼	"	12 20
1½	"	2 40	1½	"	3 00	1½	"	3 70	1½	"	5 60	1½	"	6 75	1½	"	12 60
1¾	"	2 45	1¾	"	3 10	1¾	"	4 00	1¾	"	5 80	1¾	"	7 00	1¾	"	13 00
2	"	2 50	2	"	3 20	2	"	4 00	2	"	6 00	2	"	7 25	2	"	13 40
2¼	"	2 55	2¼	"	3 30	2¼	"	4 15	2¼	"	6 20	2¼	"	7 50	2¼	"	13 80
2½	"	2 60	2½	"	3 40	2½	"	4 30	2½	"	6 40	2½	"	7 75	2½	"	14 20
2¾	"	2 65	2¾	"	3 50	2¾	"	4 45	2¾	"	6 60	2¾	"	8 00	2¾	"	14 60
3	"	2 70	3	"	3 60	3	"	4 60	3	"	6 80	3	"	8 25	3	"	15 00
3¼	"	2 75	3¼	"	3 70	3¼	"	4 75	3¼	"	7 00	3¼	"	8 50	3¼	"	15 40
3½	"	2 80	3½	"	3 80	3½	"	4 90	3½	"	7 20	3½	"	8 75	3½	"	15 80
3¾	"	2 85	3¾	"	3 90	3¾	"	5 05	3¾	"	7 40	3¾	"	9 00	3¾	"	16 20
4	"	2 90	4	"	4 00	4	"	5 20	4	"	7 60	4	"	9 25	4	"	16 60
4¼	"	2 95	4¼	"	4 10	4¼	"	5 35	4¼	"	7 80	4¼	"	9 50	4¼	"	17 00
4½	"	3 00	4½	"	4 20	4½	"	5 50	4½	"	8 00	4½	"	9 75	4½	"	17 40
4¾	"	3 05	4¾	"	4 30	4¾	"	5 65	4¾	"	8 20	4¾	"	10 00	4¾	"	17 80
5	"	3 10	5	"	4 40	5	"	5 80	5	"	8 40	5	"	10 25	5	"	18 20
5½	"	3 20	5½	"	4 60	5½	"	6 10	5½	"	8 80	5½	"	10 75	5½	"	19 00
6	"	3 30	6	"	4 80	6	"	6 40	6	"	9 20	6	"	11 25	6	"	19 80
			6½	"	5 00	6½	"	6 70	6½	"	9 60	6½	"	11 75	6½	"	20 60
			7	"	5 20	7	"	7 00	7	"	10 00	7	"	12 25	7	"	21 40
			7½	"	5 40	7½	"	7 30	7½	"	10 40	7½	"	12 75	7½	"	22 20
			8	"	5 60	8	"	7 60	8	"	10 80	8	"	13 25	8	"	23 00
			8½	"	5 80	8½	"	7 90	8½	"	11 20	8½	"	13 75	8½	"	23 80
			9	"	6 00	9	"	8 20	9	"	11 60	9	"	14 25	9	"	24 60
						9½	"	8 50	9½	"	12 00	9½	"	14 75	9½	"	25 40
						10	"	8 80	10	"	12 40	10	"	15 25	10	"	26 20
									11	"	13 20	11	"	16 25	11	"	27 80
									12	"	14 00	12	"	17 25	12	"	29 40
									13	"	14 80	13	"	18 25	13	"	31 00
												14	"	19 25	14	"	32 60
												15	"	20 25	15	"	34 20
												16	"	21 25	16	"	35 80

HARDWARE CO
LONDON

- TIRE BOLTS -

Diameter.	Lengths of Bolt and Price per Hundred.													
3-16	1¼ $0 60	1½ 60	1¾ 65	2 70	2¼ 75	2½ 80	2¾ 85	3 90						
1-4	1¼ $0 80	1½ 80	1¾ 85	2 90	2¼ 95	2½ 1 00	2¾ 1 05	3 1 10	3¼ 1 15	3½ 1 20	3¾ 1 25	4 1 30	4½ 1 40	5 1 50
5-16	1¼ $1 10	1½ 1 10	1¾ 1 10	2 1 17	2¼ 1 24	2½ 1 31	2¾ 1 38	3 1 45	3¼ 1 52	3½ 1 59	3¾ 1 66	4 1 73	4½ 1 87	5 2 01	5½ 2 15	6 2 29
3-8	1¼ $2 20	1½ 2 20	1¾ 2 20	2 2 20	2¼ 2 30	2½ 2 40	2¾ 2 50	3 2 60	3¼ 2 70	3½ 2 80	3¾ 2 90	4 3 00	4½ 3 20	5 3 40	5½ 3 60	6 3 80

SLEIGH SHOE BOLTS

Diameter.	Lengths of Bolt and Price per Hundred.												
5-16	2 $3 20	2½ 3 40	3 3 60	3½ 3 80	4 4 00	4½ 4 20	5 4 40	5½ 4 60	6 4 80	6½ 5 00	7 5 20	7½ 5 40	8 5 60
3-8	2 $4 00	2½ 4 30	3 4 60	3½ 4 90	4 5 20	4½ 5 50	5 5 80	5½ 6 10	6 6 40	6½ 6 70	7 7 00	7½ 7 30	8 7 60
7-16	2 $6 00	2½ 6 40	3 6 80	3½ 7 20	4 7 60	4½ 8 00	5 8 4c	5½ 8 80	6 9 20	6½ 9 60	7 10 00	7½ 10 40	8 10 80
1-2	2 $7 25	2½ 7 75	3 8 25	3½ 8 75	4 9 25	4½ 9 75	5 10 25	5½ 10 75	6 11 25	6½ 11 75	7 12 25	7½ 12 75	8 13 25
9-16 & 5-8	2 $13 40	2½ 14 20	3 15 00	3½ 15 80	4 16 60	4½ 17 40	5 18 20	5½ 19 00	6 19 80	6½ 20 60	7 21 40	7½ 22 20	8 23 00

ELEVATOR BOLTS

FOR BOLTING BUCKETS TO GRAIN ELEVATORS.

PRICE PER HUNDRED.

3-16 and **1-4** inch.
ELEVATOR BOLTS—NORWAY IRON.

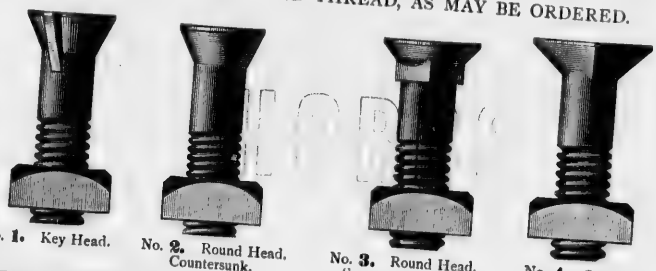
¾ inch	$2 20 per 100
1 inch	2 20 per 100

5-16 inch.
ELEVATOR BOLTS—NORWAY IRON.

1 inch	$3 00 per 100
1¼ inch	3 00 per 100

PLOW BOLTS

WITH RIGHT OR LEFT HAND THREAD, AS MAY BE ORDERED.



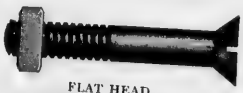
No. 1. Key Head. No. 2. Round Head, Countersunk. No. 3. Round Head, Square under Head. No. 4. Square, Countersunk.

Diameter.	Lengths of Bolt and Price per Hundred.											
5-16	1¼ $1 70	1½ 1 80	1¾ 1 90	2 2 00	2¼ 2 10	2½ 2 20	2¾ 2 30	3 2 40	3¼ 2 50	3½ 2 60	3¾ 2 70	4 2 80
3-8	1¼ $2 00	1½ 2 10	1¾ 2 20	2 2 30	2¼ 2 40	2½ 2 50	2¾ 2 60	3 2 70	3¼ 2 80	3½ 2 90	3¾ 3 00	4 3 10
7-16	1¼ $2 60	1½ 2 75	1¾ 2 90	2 3 05	2¼ 3 20	2½ 3 35	2¾ 3 50	3 3 65	3¼ 3 80	3½ 3 95	3¾ 4 10	4 4 25
1-2	1¼ $3 50	1½ 3 70	1¾ 3 90	2 4 10	2¼ 4 30	2½ 4 50	2¾ 4 70	3 4 90	3¼ 5 10	3½ 5 30	3¾ 5 50	4 5 70
9-16	1¼ $4 50	1½ 4 75	1¾ 5 00	2 5 25	2¼ 5 50	2½ 5 75	2¾ 6 00	3 6 25	3¼ 6 50	3½ 6 75	3¾ 7 00	4 7 25
5-8	1¼ $5 70	1½ 6 00	1¾ 6 30	2 6 60	2¼ 6 90	2½ 7 20	2¾ 7 50	3 7 80	3¼ 8 10	3½ 8 40	3¾ 8 70	4 9 00

STOVE AND SINK BOLTS

—WITH—

TURNED HEADS, SLOTTED AND COLD PRESSED NUTS.

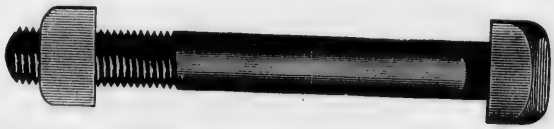


FLAT HEAD.

ROUND HEAD.

Diameter.	Flat Head Stove Bolts.									
1-4	¾ $0 65	1 70	1¼ 75	1½ 80	1¾ 85	2 90	2¼ 95	2½ 1 00	2¾ 1 05	3 1 10
5-16	¾ $1 05	1 1 10	1¼ 1 15	1½ 1 20	1¾ 1 25	2 1 30	2¼ 1 35	2½ 1 40	2¾ 1 45	3 1 50
3-8	¾ $2 20	1 2 20	1¼ 2 20	1½ 2 20	1¾ 2 20	2 2 20	2¼ 2 30	2½ 2 40	2¾ 2 50	3 2 60
Diameter.	Round Head Stove Bolts.									
3-16	⅝ $0 85	¾ 85	⅞ 90	1 90	1⅛ 95	1¼ 95	1⅜ 1 00	1½ 1 00	1¾ 1 05	2 1 10
1-4	⅝ $0 95	¾ 95	⅞ 1 00	1 1 00	1⅛ 1 05	1¼ 1 05	1⅜ 1 10	1½ 1 10	1¾ 1 15	2 1 20
Diameter.	Sink Bolts, with Two Nuts.									
1-4	1 $1 30	1¼ 1 35	1½ 1 40	1¾ 1 45	2 1 50	2¼ 1 55	2½ 1 60	2¾ 1 65	3 1 70	

MACHINE BOLTS



Diameter.	Length of Bolt and Price per Hundred.													
1-4	1½ $2 80	2 2 90	2½ 3 00	3 3 10	3½ 3 20	4 3 30	4½ 3 40	5 3 50	5½ 3 60	6 3 70	6½ 3 80	7 3 90	7½ 4 00	
5-16	1½ $3 20	2 3 35	2½ 3 50	3 3 65	3½ 3 80	4 3 95	4½ 4 10	5 4 25	5½ 4 40	6 4 55	6½ 4 70	7 4 85	7½ 5 00	
3-8	1½ $3 60	2 3 80	2½ 4 00	3 4 20	3½ 4 40	4 4 60	4½ 4 80	5 5 00	5½ 5 20	6 5 40	6½ 5 60	7 5 80	7½ 6 00	
7-16	1½ $4 60	2 4 90	2½ 5 20	3 5 50	3½ 5 80	4 6 10	4½ 6 40	5 6 70	5½ 7 00	6 7 30	6½ 7 60	7 7 90	7½ 8 20	
	8 $8 50	9 9 10	10 9 70	11 10 30	12 10 90	13 11 50	14 12 10	15 12 70	16 13 30	17 13 90	18 14 50	19 15 10	20 15 70	
1-2	1½ $5 00	2 5 30	2½ 5 60	3 5 90	3½ 6 20	4 6 50	4½ 6 80	5 7 10	5½ 7 40	6 7 70	6½ 8 00	7 8 30	7½ 8 60	
	8 $8 90	9 9 50	10 10 10	11 10 70	12 11 30	13 11 90	14 12 50	15 13 10	16 13 70	17 14 30	18 14 90	19 15 50	20 16 10	
9-16 & 5-8	1½ $7 20	2 7 70	2½ 8 20	3 8 70	3½ 9 20	4 9 70	4½ 10 20	5 10 70	5½ 11 20	6 11 70	6½ 12 20	7 12 70	7½ 13 20	
	8 $13 70	9 14 75	10 15 75	11 16 75	12 17 75	13 18 75	14 19 75	15 20 75	16 21 75	17 22 75	18 23 75	19 24 75	20 25 75	
3-4	1½ $10 50	2 11 10	2½ 11 70	3 12 30	3½ 12 90	4 13 50	4½ 14 10	5 14 70	5½ 15 30	6 15 90	6½ 16 50	7 17 10	7½ 17 70	
	8 $18 30	9 19 50	10 20 70	11 21 90	12 23 10	13 24 30	14 25 50	15 26 70	16 27 90	17 29 10	18 30 30	19 31 50	20 32 70	
7-8	1½ $14 90	2 15 80	2½ 16 60	3 17 50	3½ 18 30	4 19 20	4½ 20 00	5 20 90	5½ 21 70	6 22 60	6½ 23 40	7 24 30	7½ 25 10	
	8 $26 00	9 27 70	10 29 40	11 31 10	12 32 80	13 34 50	14 36 20	15 37 90	16 39 60	17 41 30	18 43 00	19 44 70	20 46 40	
1	1½ $22 00	2 23 10	2½ 24 20	3 25 30	3½ 26 40	4 27 50	4½ 28 60	5 29 70	5½ 30 80	6 31 90	6½ 33 00	7 34 10	7½ 35 20	
	8 $36 30	9 38 50	10 40 70	11 42 90	12 45 10	13 47 30	14 49 50	15 51 70	16 53 90	17 56 10	18 58 30	19 60 50	20 62 70	

If with Hexagon Nuts, 10 per cent. extra. If with both Hexagon Heads and Hexagon Nuts, 20 per cent. extra.

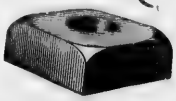
BOLT ENDS

WITH SQUARE NUTS.

Diameter, inches,	5-16	3-8	7-16	1 2	5-8	3-4	7-8	1	1⅛	1¼	1⅜	1½	1⅝	1¾	1⅞	2
Length, inches,	6	7	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Price per pound,	0 28	0 24	0 20	0 16	0 14	0 12				0 14			0 16			

If with Hexagon Nuts, 10 per cent. extra.

HOT PRESSED SQUARE NUTS



MANUFACTURERS' STANDARD LIST.

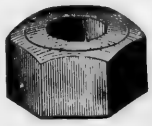
SIZE SQUARE.	THICKNESS.	DIAMETER OF HOLE.	SIZE OF BOLT.	PRICE PER 100 lbs. IN 100 lb. BOXES.	AVERAGE NUMBER IN 100 LBS.
11-32 inch.	5-32	3-32	1-8	$50 00	30000
13-32 "	3-16	5-32	3-16	30 00	15000
1-2 " 9-16 "	1-4 5-16	7-32 9-32	1-4 5-16	13 00	7500 5400
5-8 " 5-8 "	5-16 3-8	9-32 9-32	5-16 5-16	11 50	4400 3600
3-4 " 3-4 "	3-8 13-32	11-32 11-32	3-8 3-8	10 00	2500 2300
7-8 " 7-8 " 7-8 "	7-16 7-16 1-2	3-8 13-32 7-16	7-16 7-16 1-2	9 00	1600 1400 1320
1 " 1 1-8 " 1 1-8 "	1-2 9-16 5-8	7-16 1-2 9-16	1-2 9-16 5-8	8 70 8 50	1000 595 500
1 1-4 " 1 1-4 " 1 3-8 "	5-8 3-4 3-4	9-16 9-16 21-32	5-8 5-8 3-4	8 30	500 400 325
1 1-2 " 1 1-2 " 1 5-8 " 1 5-8 " 1 3-4 " 1 3-4 " 1 3-4 " 2 " 2 " 2 1-4 " 2 1-2 "	3-4 7-8 7-8 1 7-8 1 1 1-8 1 1 1-8 1 1-8 1 1-4	21-32 21-32 25-32 25-32 25-32 7-8 7-8 7-8 15-16 15-16 1 1-16	3-4 3-4 7-8 7-8 7-8 1 1 1 1 1-8 1 1-8 1 1-4	8 00	265 210 185 160 140 120 120 100 92 75 55
2 1-4 " 2 3-4 "	1 1-4 1 3-8	1 1-16 1 3-16	1 1-4 1 3-8	8 80	68 48
3 " 3 1-4 "	1 1-2 1 5-8	1 5-16 1 7-16	1 1-2 1 5-8	8 80 8 80	32 30
3 1-2 " 3 3-4 " 4 "	1 3-4 1 7-8 2	1 9-16 1 11-16 1 13-16	1 3-4 1 7-8 2	9 80	27 24 21

Sizes not enumerated on printed list will be charged extra.

H. O. BOBBS HARDWARE CO. LONDON

HOT PRESSED

- HEXAGON NUTS -



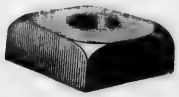
MANUFACTURERS' STANDARD LIST.

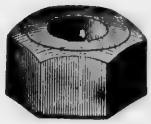
SIZE SQUARE.	THICKNESS.	DIAMETER OF HOLE.	SIZE OF BOLT.	PRICE PER 100 lbs. in 100 lb. boxes.	AVERAGE NUMBER IN 100 lbs.
1-2 inch.	1-4	7-32	1-4	$20 00	9000
9-16 "	5-16	9-32	5-16		5000
5-8 "	5-16	9-32	5-16	16 00	4600
5-8 "	3-8	9-32	5-16		4300
3-4 "	3-8	11-32	3-8	13 00	4000
3-4 "	13-32	11-32	3-8		2900
7-8 "	7-16	3-8	7-16	11 20	1600
7-8 "	7-16	13-32	7-16		1450
7-8 "	1-2	7-16	1-2		1260
1 "	1-2	7-16	1-2	10 50	1100
1 1-8 "	9-16	1-2	9-16	10 30	675
1 1-8 "	5-8	9-16	5-8		620
1 1-4 "	5-8	9-16	5-8	9 80	550
1 1-4 "	3-4	9-16	5-8		525
1 3-8 "	3-4	21-32	3-4		420
1 1-2 "	3-4	21-32	3-4	9 50	300
1 1-2 "	7-8	21-32	3-4		290
1 5-8 "	7-8	25-32	7-8		170
1 5-8 "	1	25-32	7-8		158
1 3-4 "	1	7-8	1		145
1 3-4 "	1 1-8	7-8	1		130
2 "	1 1-4	15-16	1 1-8		105
2 1-4 "	1 3-8	1 1-16	1 1-4	9 80	80
2 1-2 "	1 1-2	1 3-16	1 3-8		65
2 3-4 "	1 5-8	1 5-16	1 1-2	10 00	55
3 "	1 3-4	1 7-16	1 5-8	10 50	45
3 1-4 "	1 7-8	1 9-16	1 3-4		34
3 1-2 "	2	1 11-16	1 7-8	11 00	26
3 1-2 "	2	1 11-16	2		24

Sizes not enumerated in printed list will be charged extra.

HOT PRESSED

SQUARE AND HEXAGON NUTS

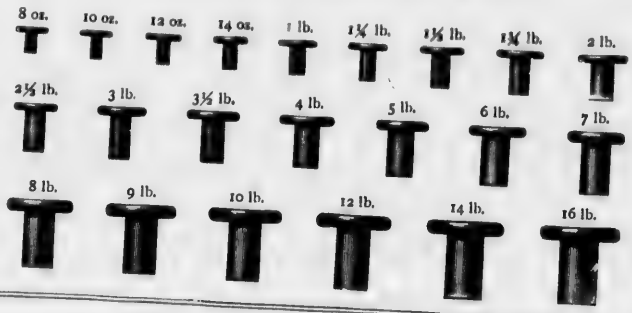




U. S. GOVERNMENT AND WHITWORTH'S STANDARD SIZES.

SHORT DIAMETER.	THICKNESS.	HOLE.	SIZE OF BOLT.	PRICE PER 100 POUNDS.	
				SQUARE.	HEXAGON.
1-2	1-4	3-16	1-4	$18 00	$20 00
19-32	5-16	1-4	5-16	12 00	18 00
11-16	3-8	19-64	3-8	10 50	14 00
13-16	7-16	11-32	7-16	10 00	13 00
7-8	1-2	13-32	1-2	9 00	11 00
1	9-16	29-64	9-16	9 00	11 00
1 1-16	5-8	33-64	5-8	8 70	10 50
1 5-16	3-4	5-8	3-4	8 40	9 90
1 7-16	7-8	47-64	7-8	8 40	9 90
1 11-16	1	27-32	1	8 20	9 70
1 13-16	1 1-8	15-16	1 1-8	8 20	9 70
2	1 1-4	1 1-16	1 1-4	8 40	9 90
2 3-16	1 3-8	1 5-32	1 3-8	8 40	9 90
2 7-16	1 1-2	1 9-32	1 1-2	8 80	10 30
2 9-16	1 5-8	1 3-8	1 5-8	8 80	10 30
2 3-4	1 3-4	1 1-2	1 3-4	9 30	10 80
3	1 7-8	1 5-8	1 7-8	9 30	10 80
3 1-8	2	1 23-32	2	9 50	11 00

THOUSAND RIVETS



IN PAPERS—PER 1000.		
SIZE.	BLACK.	TINNED.
8 ounce	$0 20	$0 24
10 "	22	25
12 "	24	28
14 "	26	30
1 pound	27	33
1¼ "	29	37
1½ "	32	41
1¾ "	36	47
2 "	40	52
2½ "	47	63
3 "	53	72
3½ "	58	80
4 "	64	88
5 "	75	1 05
6 "	90	1 26
7 "	1 05	1 50
8 "	1 20	1 70
9 "	1 27	1 80
10 "	1 40	2 00
12 "	1 70	2 40
14 "	1 90	2 75
16 "	2 20	3 10

IN BULK—PER POUND.		
SIZE.	BLACK.	TINNED.
8 ounce	$0 38	$0 45
10 "	34	40
12 "	31	37
14 "	29	35
1 pound	26	32
1¼ "	23	29
1½ "	21	27
1¾ "	20	26
2 "	19	25
2½ "	18	24
3 "	17	23
3½ "	16	22
4 "	15	21
Barrel Rivets. 5 "	14	20
Barrel Rivets. 6 "	14	20
Barrel Rivets. 7 "	14	20
Barrel Rivets. 8 "	14	20
Barrel Rivets. 9 "	13	19
Barrel Rivets. 10 "	13	19
12 "	13	19
14 "	12½	18½
16 "	12½	18½

THOUSAND RIVETS.

APPROXIMATE DIMENSIONS.

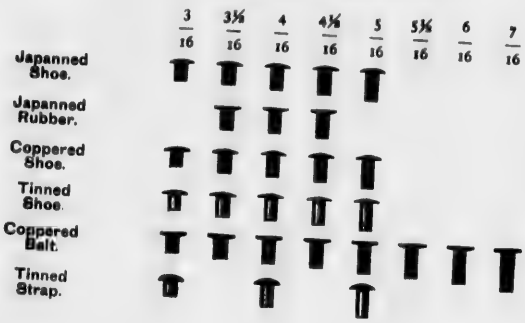
SIZE.	LENGTH.	DIAMETER WIRE GAUGE.	SIZE.	LENGTH.	DIAMETER WIRE GUAGE.
8 ounce	5/32	No. 13¼	3½ pound	31/64	No. 8
10 "	11/64	" 13	4 "	11/32	" 7¼
12 "	3/16	" 12¼	5 "	3/8	" 6¾
14 "	3/16	" 12	6 "	23/64	" 6
1 pound	13/64	" 11¾	7 "	13/32	" 5¼
1¼ "	7/32	" 11	8 "	7/16	" 4¾
1½ "	15/64	" 10¼	9 "	29/64	" 4¼
1¾ "	1/4	" 10	10 "	15/32	" 4
2 "	17/64	" 9¼	12 "	1/2	" 3
2½ "	9/32	" 9	14 "	33/64	" 2
3 "	5/16	" 8¼	16 "	17/32	" 1

PATENT TUBULAR RIVETS

THREE TIMES AS MANY IN COUNT TO POUND AS THERE IS TO A POUND OF RIVETS AND BURRS.
NO PUNCHING REQUIRED. NO BURR USED.

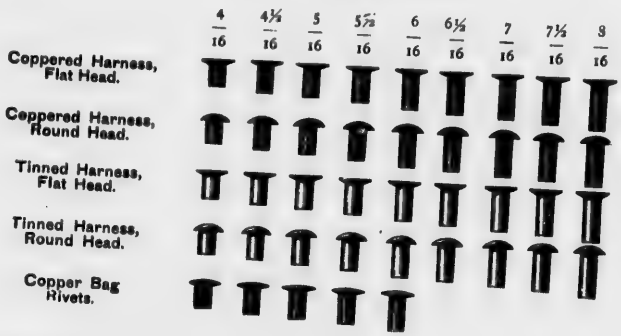
TWO-THIRDS REGULAR SIZE.

No. 1.



TWO-THIRDS REGULAR SIZE.

No. 8.



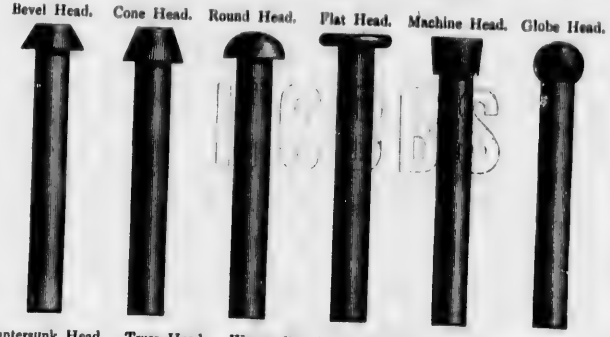
Full Size Clinch.

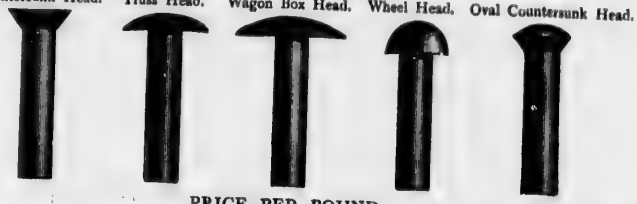
Full Size Clinch.

No. 1 All lengths . . . . . per pound, $1 65
No. 2 All lengths . . . . . per pound, 1 50

BEST IRON RIVETS IN BULK

ROUND, FLAT, WAGON BOX, TRUSS, WHEEL, COUNTERSUNK SECTION OR OTHER STYLE HEADS IN QUANTITIES.



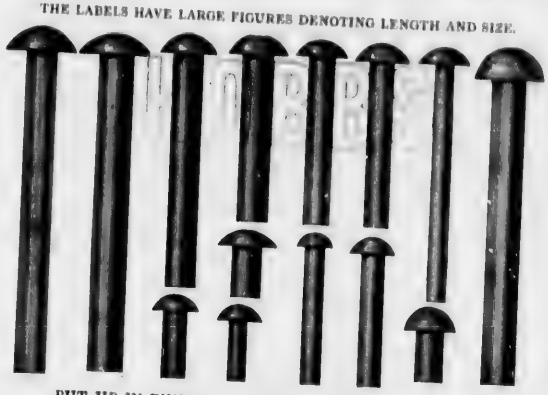


PRICE PER POUND.

Diameter	Length.													
	½ and longer	15/32	7/16	13/32	⅜	11/32	5/16	9/32	¼	7/32	3/16	5/32	⅛	3/32
7/16	11½	11½	11½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
⅜	11½	11½	11½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11/32	11½	11½	11½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5/16	12½	12½	12½	13	13	.....	.....	.....	.....	.....	.....	.....	.....	.....
No. 1	12½	12½	12½	13	13	13	.....	.....	.....	.....	.....	.....	.....	.....
" 2	12½	12½	12½	13	13	13	14	.....	.....	.....	.....	.....	.....	.....
" 3	13	13	13	14	14	14	15	15	15	.....	.....	.....	.....	.....
" ¼	13	13	13	14	14	14	15	15	15	16	16	.....	.....	.....
No. 4	13	14	14	15	15	15	16	16	16	17	17	18	.....	.....
" 5	14	15	16	16	16	17	17	18	18	19	19	20	20	21
" 6	14	15	16	16	17	17	18	18	19	20	21	22	22	23
" 3/16	14	15	16	16	17	17	18	18	19	20	22	23	24	25
No. 7	15	16	17	17	17	17	18	18	19	20	22	23	24	25
" 8	16	16	17	17	18	18	19	19	19	21	22	23	24	25
" 9	18	19	19	20	20	21	21	21	21	23	25	27	29	30
" 10	19	20	21	22	23	25	27	28	28	30	33	35	37	38
" 11	20	22	24	26	27	28	30	31	31	33	37	40	42	45
" 12	21	24	26	28	29	30	32	34	35	36	41	45	50	55
" 13	25	27	30	33	34	35	37	39	40	41	45	50	55	60
" 14	27	30	35	38	40	45	50	52	54	56	58	60	63	65

BLOCK AND CARRIAGE RIVETS

THE LABELS HAVE LARGE FIGURES DENOTING LENGTH AND SIZE.



PUT UP IN FIVE POUND BOXES—PRICE PER POUND.

Diameter.	LENGTH.														
	½	⅝	¾	⅞	1	1⅛	1¼	1½	1¾	2	2¼	2½	3	3½	4
3	$0.13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
4	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
7	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

ROUND HEAD RIVETS

APPROXIMATE NUMBER OF RIVETS IN ONE POUND.

Size.	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4¼	4½	4¾	5	5¼	5½	5¾	6
⅜	....	32	29	26	24	22	20	19	18	17	15	13	12	11	10	9	8½	8	7½	7¼	7	6½	6¼	6	5¾	5½	5¼	5
0	....	42	37	33	30	28	26	24	22	21	18	17	15	14	13	12	11	10½	9¾	9¼	8¾	8¼	8	7½	7¼	7	6¾	6½
5/16	....	51	45	41	37	34	31	29	27	25	22	20	18	17	15	14	13	12	11¾	11	10½	10	9¼	9	8½	8¼	7¾	7½
1	....	57	50	45	41	37	34	32	29	28	24	22	19	18	17	15	14	13½	12¾	12	11¼	10¾	10	9¾	9¼	9	8½	8¼
2	...	65	57	51	46	42	39	36	33	31	27	25	22	20	19	17	16	15	14	13	12¾	12	11½	11	10½	10	9½	9¼
3	....	75	67	59	54	49	45	42	39	37	33	29	27	24	22	21	19	18	17	16	15	14	13¾	13	12½	12	11½	11
¼	....	80	70	63	57	52	47	44	41	38	34	30	28	25	23	22	20	19	18	17	16	15	14¾	14	13½	13	12½	12
4	....	89	78	70	63	57	53	49	45	42	40	35	32	29	26	24	23	21	20	18	17	16	15¾	15	14½	14	13½	13
5	....	108	94	84	75	68	63	58	54	51	44	40	36	33	30	28	26	24	23	21	20	19	18	17	16½	16	15	14
6	154	131	114	101	91	82	75	69	64	59	55	47	42	39	36	33	31	29	27	25	24	23	22	21	20	19	18	17
3/16	188	159	138	122	109	98	90	83	76	71	63	56	50	46	42	39	36	34	32	30	..	..	..	..	.	...	...	..
7	221	185	158	139	123	111	101	93	86	80	70	62	56	50	46	43	40	38	35	33	.	..	..		..	.	..	.
8	256	215	185	163	145	131	119	109	101	94	82	73	66	60	55	51	47	44	41	38	..	.	.	..	.	..		.
9	334	278	238	208	185	166	151	138	127	119	104	92	83	75	67	64	59	55	52	49	.	..	..	..	..	..	..	..

COOPERS' RIVETS IN BULK.

1d	at 13 cents per pound
2d	at 13 cents per pound
3d	at 12½ cents per pound
4d	at 12½ cents per pound
5d	at 12 cents per pound
6d	at 12 cents per pound

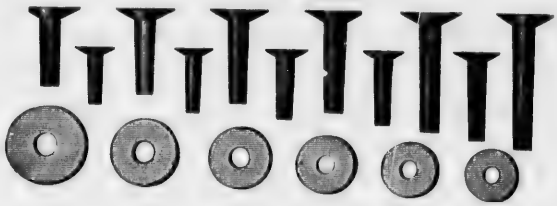
COOPER RIVETS.

APPROXIMATE DIMENSIONS.

SIZE.	LENGTH.	DIAMETER WIRE GAUGE.	SIZE.	LENGTH.	DIAMETER WIRE GUAGE.
1d	11/16	No. 4	4d	11/16	No. 1
2d	11/16	" 3	5d	11/16	" 0
3d	11/16	" 2	6d	11/16	" 00

TINNED SWEDES IRON BELT RIVETS AND BURRS.

PRICE PER POUND.



No.	7	8	9	10	11	12
Per pound,	$0 30	31	32	33	35	40

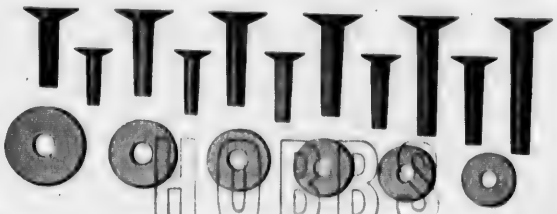
Burrs without Rivets invoiced from Burr List.

SWEDES IRON BURRS.

NUMBER.	BLACK.	TINNED.	NUMBER.	BLACK.	TINNED.
3-8	$0 25	$0 31	3-16	$0 30	$0 36
11-32	25	31	7	32	38
5-16	25	31	8	33	39
1	25	31	9	34	40
2	25	31	10	35	41
3	25	31	11	36	42
1-4	25	31	12	42	48
4	26	32	13	42	48
5	27	33	14	45	51
6	30	36			

COPPER BELT RIVETS AND BURRS.

PUT UP IN ONE POUND BOXES.



LENGTH,														WIRE.										
¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1⅛	1¼	1½ inch.	No.	7	8	9	10	11	12	13	14	15
													Per lb.	**49**	**50**	**52**	**54**	**56**	**58**	**60**	**65**	**70**

Brass Rivets not less than Copper. Copper and Brass Rivets and Burrs made to particular sizes and patterns, special price—not less than corresponding rates.

COPPER BRAZIERS' RIVETS.

Nos.	0	1	2	3	4	5	6	7	8	9	10
Price per pound,	**49**	**49**	**49**	**49**	**48**	**48**	**47**	**47**	**46**	**46**	**45c**

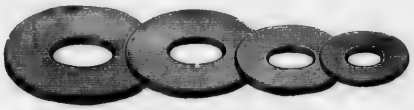
NUMBER OF COPPER BELT RIVETS AND BURRS IN ONE POUND.

Wire.	LENGTH.													
	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1⅛	1¼	1½	Burrs.
No. 7	272	250	228	180	164	160	148	112	116	100	84	80	69	345
" 8	276	248	208	200	178	172	152	136	110	104	96	.....	.....	390
" 9	340	280	272	248	228	220	184	176	156	136	.....	.....	.....	610
" 10	544	448	384	340	304	300	272	238	204	.....	.....	.....	.....	716
" 12	588	512	452	404	364	336	304	272	.....	.....	.....	.....	.....	1385
" 13	996	852	532	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1630

NUMBER OF COPPER BRAZIERS' RIVETS IN ONE POUND.

Size	0	1	2	3	4	5	6	7	8	9	10
	148	100	70	44	34	24	18	12	9	6	4

WASHERS.



SIZE OF HOLE.	OUTSIDE DIAMETER.	THICKNESS BY WIRE GAUGE.	PRICE.
3-16 inch	× 7 16 inch	× 18 ..... W. G.	**20** cents per pound.
¼ "	× ½ "	× 16 ..... "	**15** " "
5-16 "	× ⅝ "	× 15 ..... "	**15** " "
⅜ "	× ⅞ "	× 14 ..... "	**12½** " "
7-16 and ½ "	× 1 and 1⅛ "	× 13 ..... "	**10** " "
9-16 and ⅝ "	× 1¼ and 1⅜ "	× 12 ..... "	**9** " "
11-16 "	× 1½ "	× 11 ..... "	**8** " "
¾ and 13-16 "	× 1¾ "	× 11 ..... "	**8** " "
⅞ and 1 "	× 2 "	× 10 ..... "	**8** " "
1⅛ "	× 2¼ "	× 9 ..... "	**8** " "
1¼ "	× 2½ "	× 9 ..... "	**8** " "
1⅜ and 1½ "	× 2¾ and 3 "	× 8 ..... "	**8** " "

Special Washers, Irregular Sizes, Round or Square, to order.

IRON.

STANDARD LIST OF EXTRAS—MERCHANTS' BAR AND BAND IRON.

Thickness		3-16	¼	5-16	⅜	7-16	½	9-16	⅝	¾	⅞	1
Width	½	1.00	75	75	60							
"	⅝	75	60	60	45							
"	¾	60	45	45	30	30	30					
"	⅞	45	30	30	15	15	15	15	15			
"	1	30	15	15								
"	1⅛ to 6	15										
Rounds and Squares		1.25	75	60	45	30	15	15				
Ovals and Half Rounds			1.50	1.20	1.00	1.00	80	80	60	40	20	20
Half Ovals			2.25	1.80	1.50	1.50	1.20	1.20	90	60	30	30

LARGE ROUNDS AND SQUARES.

3¼	3½	3¾	4
15	30	45	60

BANDS.

1 to 6	⅞	¾	⅝	½
50	70	90	1.50	2.50

Bars cut to Specified Lengths 10c. per 100 lbs. extra.

LARGE FLATS.

1¾ to 6 by 1⅛ to 1½, 30c.
3 to 5 by 1⅝ to 2 50c.
7, 8, 9, and 12 inch Flats, 50c.

Under 3 ft. and over 20 ft. Lengths 20c. per 100 lbs. extra.

LOWMOOR IRON—ROUND AND SQUARE.

EXTRAS.

9-16	1-2	7-16	3-8	5-16	1-4 inch
$0 50	0 75	1 00	1 50	2 00	2 50 per 100 lbs.

7-8 x 1-4	1 x 1-4	1⅛ x 1-4	1¼ x 1-4	1 x 3-8	7-8 x 1-2	1⅛ x 3-8
$1 00	0 75	0 50	0 35	0 35	0 35	0 25 per 100 lbs.

SWEDES AND NORWAY IRON.

	1-4	5-16	3-8	7-16	1-2	5-8	3-4	7-8 inch.
Swedes and Norway, Square or Round,	$3 00	2 75	2 50	2 00	1 50	1 00	0 50	0 25 per 100 lbs

	3-4	7-8	1	1¼ inch.
Swedes and Norway, Flat, any thickness,	$1 00	0 75	0 50	0 25 per 100 lbs.

BOWLING OR LOWMOOR BOILER PLATE EXTRAS.

Plates under 280 lbs. each, no extra.	
Plates 280 lbs. and under 336 lbs.	$0 25 per 100 lbs. extra.
Plates 336 lbs. and under 392 lbs.	1 00 per 100 lbs. extra.
Plates 392 lbs. and under 448 lbs.	1 50 per 100 lbs. extra.
Plates 448 lbs. and under 672 lbs.	2 50 per 100 lbs. extra.
All plates exceeding 6 feet wide,	0 60 per 100 lbs. extra.
All plates exceeding 8 feet wide subject to special quotation.	
Plates to sketch, 1½c. per lb. extra.	

STAFFORDSHIRE BOILER PLATE.

Sizes of Best Refined Staffordshire Boiler Plate usually kept in stock.

THICKNESS.	6 x 2	6 x 2 1-2	6 x 3	6 x 3 1-2	6 x 4	7 x 2 1-2	7 x 3	7 x 3 1-2	7 x 4 feet
3-16	"	"	"	"	"	"	"	"	"
1-4	"	"	"	"	"	"	"	"	"
5-16		"	"	"	"	"	"	"	"

	8 x 2 1-2	8 x 3	8 x 3 1-2	8 x 4	9 x 2 1-2	9 x 3	9 x 3 1-2	9 x 4	10 x 3	10 x 4 feet
3-16	"	"	"	"	"	"	"	"	"	"
1-4	"	"	"	"	"	"	"	"	"	"
5 16	"	"	"	"	"	"	"	"	"	"
3-8		"		"		"			"	

BOWLING OR LOWMOOR BOILER PLATE

1-4	6 x 2½	6 x 3	6 x 4	7 x 2½	7 x 3	7 x 3½	7 x 4	8 x 2½	8 x 3	8 x 3½	8 x 4 feet.
5-16	"	"	"	"	"	"	"	"	"	"	"
3-8									"	"	"

ROUND HEADS, BOWLING OR LOWMOOR.

Diameter,	45 x 5-16	48 x 3-8	52 x 3-8	54 x 3-8	60 x 3-8	65 x 3-8 inch.

WEIGHT OF FLAT BAR IRON, PER LINEAL FOOT.

Width Inches.	THICKNESS IN INCHES.									
	⅛	3/16	¼	5/16	⅜	½	⅝	¾	⅞	1
½	.211	.361	.422	.491	.634					
⅝	.260	.420	.510	.640	.784	.90				
¾	.316	.471	.633	.790	.950	1.26	1.58			
⅞	.370	.551	.730	.915	1.09	1.46	1.82	2.19		
1	.421	.623	.832	1.04	1.25	1.67	2.08	2.50	2.92	
1⅛	.475	.700	.940	1.17	1.41	1.88	2.34	2.81	3.28	3.75
1¼	.524	.782	1.04	1.30	1.56	2.08	2.60	3.12	3.64	4.17
1⅜	.574	.860	1.15	1.43	1.72	2.29	2.86	3.44	4.01	4.58
1½	.631	.940	1.25	1.56	1.88	2.50	3.13	3.75	4.38	5.00
1⅝	.682	1.02	1.35	1.69	2.03	2.71	3.38	4.01	4.74	5.42
1¾	.730	1.09	1.46	1.82	2.19	2.92	3.65	4.37	5.10	5.83
2	.831	1.24	1.67	2.08	2.50	3.33	4.17	5.00	5.83	6.67
2¼	.945	1.41	1.88	2.34	2.81	3.75	4.69	5 63	6.51	7.50
2½	1.04	1.56	2.08	2.60	3.12	4.17	5.21	6.25	7.29	8.33
2¾	1.14	1.72	2.29	2.86	3.44	4.59	5.73	6.87	8.02	9.17
3	1.25	1.87	2.50	3.12	3.75	5.00	6.25	7.50	8.75	10.00
3¼	1.35	2.03	2.71	3.38	4.07	5.42	6.77	8.12	9.48	10.83
3½	1.46	2.19	2.92	3.65	4.38	5.83	7.29	8.75	10.21	11.61
3¾	1.56	2.34	3.12	3.90	4.69	6.25	7.81	9.37	10.94	12.50
4	1.67	2.50	3.33	4.17	5.00	6.67	8.33	10.00	11.67	13.33
4½	1.87	2.81	3.75	4.69	5.63	7.50	9.38	11.25	13.13	15.60
5	2.08	3.13	4.17	5.21	6.25	8.34	10.42	12.50	14.59	16.67
6	2.50	3.75	5.00	6.25	7.50	10.00	12.50	15.00	17.50	20.00

WEIGHT OF IRON ONE FOOT AND FOURTEEN FEET.

SQUARE AND ROUND BARS.

SIZES.	SQUARE.		ROUND.		SIZES.	SQUARE.		ROUND.		SIZES.	SQUARE.		ROUND.	
	1 ft.	14 ft.	1 ft.	14 ft.		1 ft.	14 ft.	1 ft.	14 ft.		1 ft.	14 ft.	1 ft.	14 ft
¼	.208	2.91	.163	2.29	1⅜	6.30	88.20	4.94	69.16	2⅞	27 55	385.70	21.63	302.82
5/16	.325	4.55	.255	4.37	1½	7.50	105.00	5.89	82.46	3	30.00	420.00	23.56	329.84
⅜	.468	6.56	.368	5.15	1⅝	8.80	123.20	6.91	96.74	3¼	35.20	492.80	27.65	387.10
7/16	.638	8.93	.501	7.00	1¾	10.20	142.80	8.01	112.14	3½	40.80	570.12	32.07	448.98
½	.833	11.66	.654	9.16	1⅞	11.71	163.94	9.20	128.80	3¾	46.87	656.18	36.81	515.32
9/16	1.05	14.70	.828	11.59	2	13.33	186.62	10.47	146.58	4	53.32	746.62	41.88	586.32
⅝	1.30	18 20	1.02	14.28	2⅛	15.05	210.70	11.82	165.48	4¼	60.20	842.80	47.28	661.94
¾	1.87	26.18	1.47	20.58	2¼	16.87	236.18	13.25	185.50	4½	67.50	945.00	53.01	742.14
⅞	2.55	35.70	2.00	28.00	2⅜	18.80	263.20	14.76	206.64	4¾	75.20	1052.80	59.96	826.84
1	3.33	46.62	2.61	36.54	2½	20.86	291.20	16.36	229.04	5	83.33	1166.62	65.45	916.30
1⅛	4.21	58.94	3.31	46.34	2⅝	22 96	321.44	18.03	252.42					
1¼	5.20	72.80	4.09	57.26	2¾	25.20	352.80	19.79	277.06					

ANGLE IRON, EQUAL SIDES—WEIGHT OF ONE YARD.

Inches.	¾	⅞	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4	4½	6
1-8	1.72	2.03	2.34	2.97											
3-16	2.46	2.93	3.40	4.31	5.27	6.21									
1-4			4.38	5.63	6.88	8 13	9.40	10 60	11.90		14.40				
5-16					8.49	9.96	11.50	13.00	14.70	16.00	17.70				
3-8							13.60	15.50	17.30	19.20	21.10	24.80	28.60		
7-16								17.80	20.00	22 20	24.40	28.70	33.00	37.50	50.60
1-2									22.50	25.00	27.50	32.50	37.50	42.50	57.50

HOBBS HARDWARE CO.

HOOP IRON

WEIGHT OF A TEN FOOT LENGTH OF HOOP IRON, IN POUNDS AND DECIMALS AND ITS ORDINARY THICKNESS ON THE OLD WIRE GAUGE.

WIDTH AND THICKNESS ON THE W. G.	WEIGHT.	WIDTH AND THICKNESS ON THE W. G.	WEIGHT.	WIDTH AND THICKNESS ON THE W. G.	WEIGHT.
½ x 20	....	1½ x 16	3.12	3 x 14	7.80
⅝ x 20	.685	1⅜ x 16	3.35	3¼ x 13	10.10
¾ x 20	.885	1¾ x 15	4.00	3½ x 13	10.80
⅞ x 19	1.24	1⅞ x 15	4.35	3¾ x 13	11.60
1 x 18	1.55	2 x 15	4.70	4 x 12	14.60
1⅛ x 17	2.04	2¼ x 15	5.25	4½ x 11	18.75
1¼ x 17	2.27	2½ x 14	6.50	5 x 10	23 49
1⅜ x 16	2.86	2¾ x 14	7.15	6 x 10	28.10

RUSSIA SHEET IRON

GAUGE, WEIG"T AND SIZE OF RUSSIA SHEET IRON—RUSSIA AND ENGLISH NUMBERS.

No. **8** Russia Iron is about No. 25 W. G., and about 8 lbs. to sheet, (size of sheet, 4 feet 8 inches x 2 feet 4 inches).
No. **9** Russia Iron is about No. 24 W. G., and about 8½ lbs. to sheet, (size of sheet, 4 feet 8 inches x 2 feet 4 inches).
No. **10** Russia Iron is about No. 24 W. G., full, and about 9 lbs. to sheet, (size of sheet, 4 feet 8 inches x 2 feet 4 inches).
No. **11** Russia Iron is about No. 23 W. G., and about 10 lbs. to sheet, (size of sheet, 4 feet 8 inches x 2 feet 4 inches).
No. **12** Russia Iron is about No. 22 W. G., and about 11 lbs. to sheet, (size of sheet, 4 feet 8 inches x 2 feet 4 inches).
No. **14** Russia Iron is about No. 21 W. G., full, and about 13 lbs. to sheet, (size of sheet, 4 feet 8 inches x 2 feet 4 inches).

TABLE SHOWING THE WEIGHTS OF THE DIFFERENT GAUGES OF SHEET IRON, ACCORDING TO THE NEW STANDARD GAUGE OF THE BOARD OF TRADE.

No. OF GAUGE.	THICKNESS IN INCHES.	WEIGHT IN OZ. PER SQ. FOOT.	No. OF GAUGE.	THICKNESS IN INCHES.	WEIGHT IN OZ. PER SQ. FOOT.	No. OF GAUGE.	THICKNESS IN INCHES.	WEIGHT IN OZ. PER SQ. FOOT.
1	.30	192 00	11	.116	74.24	21	.032	20.48
2	.276	176.64	12	.104	66.56	22	.028	17.92
3	.252	161 28	13	.092	58.88	23	.024	15.36
4	.232	148.48	14	.080	51.20	24	.022	14 08
5	.212	135.68	15	.072	46.08	25	.020	12.80
6	.192	122.88	16	.064	40 96	26	.018	11.52
7	.176	112 64	17	056	35.84	27	.0164	10 49
8	.160	102.40	18	.048	30.72	28	.0148	9 47
9	144	92.16	19	040	25.60	29	.0136	8.70
10	.128	81.92	20	.036	23.04	30	.0124	7.93

WEIGHT OF A SUPERFICIAL FOOT OF SHEET LEAD, BOILER PLATE, SHEET IRON, COPPER AND BRASS IN POUNDS.

* THICKNESS IN PARTS OF AN INCH.	LEAD.	IRON.	THICKNESS BY THE WIRE GAUGE.	IRON.	COPPER.	BRASS.	THICKNESS BY THE WIRE GAUGE.	IRON.	COPPER.	BRASS.
1-32	1.85	1.25	**1**	12.50	14.50	13.75	**16**	2.50	2.90	2.75
1-16	3.70	2.50	**2**	12.00	13.90	13.20	**17**	2 18	2.52	2.40
1-8	7.40	5.00	**3**	11.00	12.75	12.10	**18**	1.86	2 15	2.04
3-16	11.10	7.50	**4**	10 00	11.50	11.00	**19**	1.70	1.97	1.87
1-4	14.81	10.00	**5**	8.74	10.10	9.61	**20**	1.54	1.78	1.69
5-16	18.51	12.50	**6**	8.12	9.40	8.93	**21**	1.40	1.62	1.54
3-8	22.22	15.00	**7**	7.50	8.70	8.25	**22**	1.25	1.45	1 37
7-16	25 99	17.50	**8**	6.86	7.90	7.54	**23**	1.12	1.30	1.22
1-2	29.62	20.00	**9**	6.24	7.20	6.86	**24**	1.00	1.16	1.10
9-16	33.32	22.50	**10**	5.62	6.50	6.18	**25**	.90	1.04	.99
5-8	37.00	25.00	**11**	5.00	5.80	5.50	**26**	.80	.92	.88
11-16	40.75	27.50	**12**	4.38	5.08	4 81	**27**	.72	.83	.79
3-4	44.44	30.00	**13**	3 75	4 34	4.12	**28**	.64	.74	.70
7-8	51.85	35.00	**14**	3.11	3.60	3 43	**29**	.56	.64	.61
1	59.22	40.00	**15**	2.82	3.27	3.10	**30**	.50	.58	.55

GALVANIZED SHEET IRON.

"Redcliffe Crown" Brand, equal (or better) to "Queen's Head," per 100 lbs., - - - - $
"Our Special" Brand, per 100 lbs., - - - - - - - - - - - - - - - - $

Stock sizes, 72 x 30 inches, 26 and 28 G.

SPECIAL SIZES AND THICKNESSES SUPPLIED TO ORDER.

HOBBS

WEIGHT OF GALVANIZED SHEET IRON, PER SQUARE FOOT.

Nos.	28	26	24	22	20	18	16	W. G.
Weight, per sq. ft.	12	15	17	21	28	37	40	ounces.
No. Sheets in Case	106	93	70	57	50	37	27	

SHEET ZINC.

Sheet Zinc, Nos. **8**, **9** and **10** G, per pound, - - - - - - - - - - - - $

Casks, 5 cwt. each.

BY ZINC GAUGE IN POUNDS, PER SQUARE FOOT, AND PER SHEET OF **3** x **7** FEET.

ZINC GAUGE.	4	5	6	7	8	9	10	11	12	13	14	15	16	18	20
SQUARE FOOT.	0.33	0.40	0.47	0.54	0.61	0.68	0.82	0.95	.109	.122	.136	.149	.163	.217	.271
SHEET.	6.93	8.40	10.05	11.47	12.90	14.32	17.16	20.00	22.84	25.68	28.52	31.36	34.20	45.55	56.91

HARDWARE CO.

WEIGHT OF ONE FOOT OF BAR STEEL, SQUARE, ROUND AND OCTAGON, IN POUNDS AND DECIMALS.

Size.	Square.	Round.	Octagon.
1-4 in.	.213	.166	.....
3-8 "	.479	.375	.....
1-2 "	.855	.667	.84
5-8 "	1 33	1.04	1.23
3-4 "	1.91	1.50	1.75
7-8 "	2.61	2.05	2.25
1 "	3.40	2.67	2.75
1 1-8 "	4.34	3.38	3.66
1 1-4 "	5.32	4.17	4.55
1 3-8 "	6.44	5.05	5.50
1 1-2 "	7.67	6.00	6.45
1 5-8 "	9.00	7.05	7.75
1 3-4 "	10.44	8.17	9.20
1 7-8 "	11.98	9.38	10.04
2 "	13.63	10.68	11.60
2 1-4 "	17.20	13.51	14.75
2 1-2 "	21.20	16.68	17.85
2 3-4 in.	25.70	20.19	21.85
3 "	30.60	24.03	25.00
3 1-4 "	35.90	28.20	.....
3 1-2 "	41.65	32.70	.....
3 3-4 "	46 70	37.54	.....
4 "	54.40	42.72	.....
4 1-2 "	68.85	54.06	.....
5 "	85.00	66.75	.....

STEEL.

Spring, - - - - - - - - $
Tire, in Sets, - - - - - -
Sleigh Shoe, - - - - - - -
Toe Calk, - - - - - - -
Plowshear, round and square edge, -
Mould Board. - - - - - -
Square Bessemer, for Harrow Teeth,

CAST STEEL.

CAMERON

Square, Round and Octagon, all sizes.

Bessemer Machinery, all sizes.

WEIGHT OF ONE FOOT OF BAR COPPER, SQUARE & ROUND, IN POUNDS AND DECIMALS.

Size.	Square.	Round.
1-16 in.	.015	.011
1-8 "	.06	.046
3-16 "	.134	.105
1-4 "	.235	.187
5-16 "	.375	.295
3-8 "	.54	.424
7-16 "	.735	.575
1-2 "	.960	.75
9-16 "	1.21	.95
5-8 "	1.51	1.17
11-16 "	1.81	1.42
3-4 "	2.15	1.7
7-8 "	2.95	2.3
1 "	3.84	3.01
1 1-8 "	4.86	3.85
1 1-4 "	6.00	4.73
1 3-8 "	7.27	5.70
1 1-2 "	8.64	6.80
1 5-8 "	10.15	8.00
1 3-4 "	11.70	9.24
2 "	15.35	12.01
2 1-2 "	.....	18.916
3 "	.....	27.243
3 1-2 "	.....	37.080
4 "	.....	48.433

CANADA PLATES

Sizes	18 x 21 inches	18 x 24 inches	112 lb. boxes.

TIN PLATES

CHARCOAL TIN PLATES.

I. C.	8 x 8	$	I. X.	8 x 8	$
I. C.	12 x 12		I. X.	12 x 12	
I. C.	10 x 14		I. X.	10 x 14	
I. C.	14 x 14		I. X.	14 x 14	
I. C.	10 x 20		I. X.	10 x 20	
I. C.	14 x 20		I. X.	14 x 20	
I. C.	10 x 28		I. X.	10 x 28	
I. C.	20 x 28		I. X.	20 x 28	

BEST TINNED SHEET IRON

30 x 72	No. 24	26	28 wire gauge
36 x 72	No. 24	26	wire gauge
36 x 84	No. 24	26	wire gauge

SHEET COPPER

Ounces	12	14	16	12	14	16
Wire gauge	26	25	24	26	25	24
Size	14 x 48	14 x 48	14 x 48	14 x 60	14 x 60	14 x 60
		Tinned per lb., $		Planished per lb., $		

BAR LEAD

Bar Lead . . . . . per 100 lbs., $

LEAD PIPE

Lead Pipe . . . . . .
Discount . . . . . per pound, 7 cents

CALIBRE AND WEIGHT OF LEAD PIPE.

Calibre.	Weight per yard. Lbs.	Average length. Yards.
⅜ in. light	3	40
strong	4	30
½ in. extra light	3½	35
light	4	30
medium	4½	27
strong	5	24
extra strong	6 and 7	28 and 20
⅝ in. extra light	4½	27
light	5	24
medium	6	20
strong	7	18
extra strong	8 and 9	22
¾ in. extra light	5	20
light	6	20
medium	7	18
strong	8	25
extra strong	7 and 10	20
1 in. extra light	5	24
light	6	20
medium	7	18
strong	8	15

Calibre.	Weight per yard. Lbs.	Average length. Yards.
1 in. extra strong	9 and 10	20
1¼ in. extra light	6	20
light	8	15
medium	10	20
strong	12	17
extra strong	14	10
1½ in. extra light	9	22
light	11	18
medium	12	17
strong	14	15
extra strong	16 and 18	17 and 15
1¾ in. light	14	20
medium	16	17
strong	18	15
extra strong	20	14
2 in. extra light	16	17
light	18	15
medium	20	12
strong	22	10
extra strong	24	9

WIRE

PRICE LIST OF IRON WIRE AND TABLE OF THE SIZE, WEIGHT, LENGTH AND STRENGTH OF IRON WIRE.

Size on Wire Gauge.	Full Size of the Wire. Imperial Standard Wire Gauge Diameter.	Diameter. I. S. W. G. Inch.	Diameter. Birmingham W.G. inch.	Weight of I. S. W. G. 100 Yards.	Weight of I. S. W. G. Mile.	Length of cwt. 112 lbs. I. S. W. G.	Breaking Strains Annealed.	Breaking Strains Bright.	Price Per One Hundred Pounds. Bright Tinman's	Price Per One Hundred Pounds. Annealed	Price Per One Hundred Pounds. Oiled and Annealed.	Price Per One Hundred Pounds. Galvanized.	Price Per One Hundred Pounds. Cop'er'd	Size on Wire Gauge.
				lbs.	lbs.	yds.	lbs.	lbs.						
000		.372	.425	107.1	1885	105	5700	8694	$2 60	$	$2 7	$3	$3 10	000
00		.348	.380	93.7	1649	120	5072	7608	2 60	2 65	2 70	3 25	3 10	00
0		324	.340	82.2	1429	138	4397	6595	2 60	2 65	2 70	3 25	3 10	0
1		.300	.300	69 6	1225	161	3770	5655	2 60	2 65	2 70	3 25	3 10	1
2		.276	.284	58.9	1037	190	3190	4785	2 60	2 65	2 70	3 25	3 10	2
3		.252	.259	49.1	864	228	2660	3990	2 60	2 65	2 70	3 25	3 10	3
4		.232	.238	41.6	732	269	2254	3381	2 60	2 65	2 70	3 25	3 10	4
5		.212	.220	34.8	612	322	1883	2824	2 60	2 65	2 70	3 25	3 10	5
6		.192	.203	28.5	502	393	1544	2316	2 60	2 65	2 70	3 25	3 10	6
7		.176	.180	24	422	467	1298	1946	2 60	2 65	2 70	3 25	3 10	7
8		.160	165	19.8	348	566	1072	1608	2 60	2 65	2 70	3 35	3 10	8
9		.144	.148	16	282	700	869	1303	2 65	2 75	2 80	3 50	3 15	9
10		.128	.134	12 7	223	882	687	1030	2 75	2 90	2 95	3 65	3 25	10
11		.116	.120	10.4	183	1077	564	845	2 85	3 00	3 05	3 85	3 85	11
12		.104	.109	8.4	148	1333	454	680	2 95	3 10	3 15	4 00	3 95	12
13		.092	.095	6 5	114	1723	355	532	3 00	3 15	3 20	4 20	4 00	13
14		.080	.083	5	88	2240	268	402	3 15	3 35	3 40	4 50	4 15	14
15		.072	.072	4	70	2800	218	326	3 35	3 60	3 65	4 80	4 35	15
16		.064	.065	3.2	56	3500	172	257	3 65	3 95	4 00	5 30	4 65	16
17		.056	.058	2.4	42	4667	131	197	3 80	4 10	4 15	5 50	5 30	17
18		.048	.049	1.8	32	6222	97	145	4 05	4 35	4 40	6 00	5 60	18
19		.040	.042	1.2	21	9333	67	100	4 35	4 65	4 70	6 75	6 00	19
20		.036	.035	1	18	11200	55	82	.....	.....	.....	...	.....	20

HARDWARE CO.

EXTRAS.

Steel Wire—Ordinary, 10c per 100 lbs.; Best, 65c per 100 lbs. Spring Wire—Ordinary, 25c per 100 lbs.; Best, 65c per 100 lbs. NET. Telegraph, Telephone and other special qualities supplied on demand, also wire straightened and cut to length.

WEIGHT OF ONE HUNDRED FEET IRON, BRASS, STEEL, AND COPPER WIRE, IN POUNDS.

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	B.W.G.
Iron...	23.85	21.37	17.78	15.	12.82	10.92	8.58	7 21	5 80	4.75	3.81	3.16	2 39	1.82	1 37	1.12	89	.63	.47	.32	.27	.21	.17	.13	.10	.085	
Steel..	24.67	21.57	17.94	15 15	12.95	11.	8 66	7.28	5.85	4.80	3.85	3.17	2.41	1 84	1 39	1.13	.90	.64	.47	.33	.28	.21	.17	.13	.11	.080	
Copper	27 24	24.41	20.3	17.15	14.65	12.47	9.80	8.24	6.63	5.43	4.35	3.59	2.73	2.08	1.57	1.28	1.	.73	.53	.37	.31	.24	.19	.15	.12	.098	
Brass..	25 73	23.06	19 18	16.19	13 84	11.78	9.26	7.78	6.26	5.13	4.11	3 40	2.58	1.96	1.48	1.21	.96	.69	.50	35	.29	.22	.18	.14	.11	.092	

BRAND

COPPERED STEEL SPRING WIRE.

Nos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	B. W. Gauge.
Per 100 lbs. $																	

BRASS SPRING WIRE.

Nos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	B. W. Gauge
Per 100 lbs. $																									

ANNEALED COPPER WIRE.

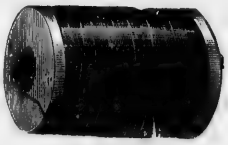
Nos.	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26	B. W. Gauge
Per 100 lbs., $																				

BRASS SNARE WIRE.

Brass Snare Wire, Nos. **24** and **28** - - - - - - - - - per 100 lbs., $

HAIR WIRE.

ON SPOOLS.



One Dozen Spools in Box, assorted, Nos.	28	30	32
Per Dozen, - - - - - - $			

FENCING WIRE.

GALVANIZED.

Spools 95 to 115 lbs. *Half Reels, 50 to 65 lbs.*

A.—Four Barbs, six inches apart, per 100 lbs., - - - - - - - - - - $
B.—Four Barbs, four inches apart, per 100 lbs., - - - - - - - - - -

2 BARB.

G.—Two Barbs, five inches apart, per 100 lbs., - - - - - - - - - $
H.—Two Barbs, 2½ inches apart, per 100 lbs., - - - - - - - - -

FENCING WIRE

GALVANIZED.

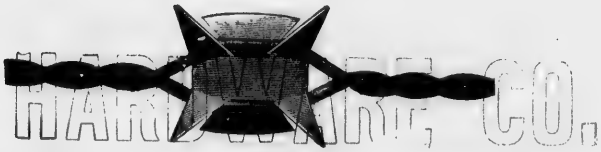
C.—Plain Twist, 2 wires - per 100 lbs., $

D.—Plain Twist, 3 wires per 100 lbs.,

E.—Thorn Fencing, Twisted Steel Strip Barbed - - - - - - per 100 lbs.,

F.—Ribbon Fencing, Twisted Steel Strip, ⅜ inch wide, per 100 lbs.,

TABLET FENCING



J.—Tablet, 1 inch, and 5 inches apart - - - - - - - - per 100 lbs., $

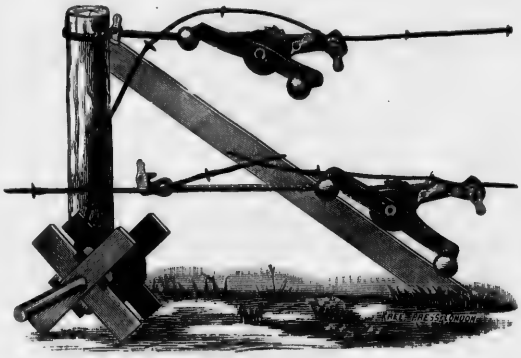
K.—Tablet, 1½ inch, and 9 inches apart - - - - - - - per 100 lbs.,

TABLE OF WEIGHTS.

GALVANIZED.	1 ROD 16½ FEET.		1 ACRE 165 FEET.		1 MILE 5,280 FEET.	
	1 Strand.	2 Strand.	1 Strand.	2 Strand.	1 Strand.	2 Strand.
	Ounces.	lbs.	lbs.	lbs.	lbs.	lbs.
A—4 barbs, 6 inches	17½	2 3-16	11	22	352	704
B—4 barbs, 4 inches	19½	2 7-16	12	24	384	768
C—Plain Twist, 2 wires	15	1 7-8	9	18	288	516
D—Plain Twist, 3 wires	22½	2 13-16	14	28	448	896
E—Thorn	22½	2 13-16	14	28	440	880
F—Twisted Strip	19½	2 7-16	12	24	384	768
G—2 barbs, 5 inches	17½	2 3-16	11	22	352	704
H—2 barbs, 2½ inches	19½	2 7-16	12	24	384	768
J—Tablet, 1 inch	27	3 3-8	17	34	540	1080
K—Tablet, 1½ inch	27	3 3-8	17	34	540	1080

HOBBS HARDWARE CO. LONDON

BARB WIRE STRETCHERS



"SAMPSON"

WIRE STRETCHER AND SPLICER.

Per dozen - - - - - - $

"HERCULES"

BARB WIRE STRETCHER.

Per dozen - - - - - - - - - - - $

COMBINED WIRE STRETCHER AND CROW BAR.

Combined Wire Stretcher and Crow Bar - - - - - - - - - - - - per dozen, $

GALVANIZED STEEL FENCE STAPLES.

Galvanized Steel Fence Staples, 1, 1¼, 1½, 1¾, 2 inch - - - - - - - - per pound, cents.

CHAINS.

SHORT LINK COIL CHAIN.

SIZE AND WEIGHT PER 100 FEET, PROOF STRAIN, ADMIRALTY TEST, ETC.

SIZE OF CHAIN	WEIGHT PER 100 FEET.	PROOF STRAIN.	PRICE PER 100 LBS.	SIZE OF CHAIN.	WEIGHT PER 100 FEET.	PROOF STRAIN.	PRICE PER 100 LBS.
1-8 in., light.	20 lbs.	.....	$.....	9-16	315 lbs.	8400 lbs.	$.....
1-8 " ordinary.	30 "	.....	.....	5-8	413 "	10360 "	.....
3-16 " light.	38 "	.....	.....	3-4	900 "	15120 "	.....
3-16 inch.	44 "	600 lbs.	.....	7-8	700 "	20440 "	.....
1-4 "	52 "	1120 "	.....	1	950 "	26880 "	.....
5-16 "	98 "	2240 "	.....	1 1-8	1200 "	34160 "	.....
3-8 "	148 "	3640 "	.....	1 1-4	1500 "	42000 "	.....
7-16 "	198 "	5040 "	.....	1 3-8	1800 "	.....	.....
1-2 "	260 "	6720 "	.....	1 1-2	2080 "	.....	.....

REPAIRING LINKS.

Per Gross, $ 3-16 1-4 5-16 3-8

LOGGING CHAINS.

14 feet long, 5-16 and 3-8 Chain with 1 grab and 1 open hook.

BRIGHT TWISTED COIL CHAIN.

No. 000 00 0 1 2
Per 100 feet, $

TRACE CHAINS, TWISTED AND STRAIGHT.

Per dozen pairs, $ 7 x 10 x 2 7 x 10 x 3 6½ x 10 x 3 6½ x 10 x 3

TUG CHAINS, TWISTED AND STRAIGHT.

Per dozen pairs, $ 3½ x 10 x 1 3½ x 10 x 2 3½ x 10 x 3

HALTER CHAINS.

No. 0000 000 00 1 2 3 4 5 6 7 8
4½ feet, per dozen, $
6 feet, per dozen,

DOG CHAINS.

No. 0 1 2 3 4 5 6 7 8
6 feet, per dozen, $

HOBBS HARDWARE CO LONDON

AMERICAN CHAINS

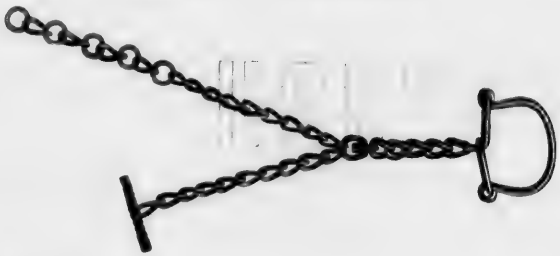
HALTER CHAINS.

Nos.	000	00	0	1	2	3	4	5	6	7
4½ feet, per dozen, $										
6 feet, per dozen,										

DOG CHAINS—NICKEL PLATED.

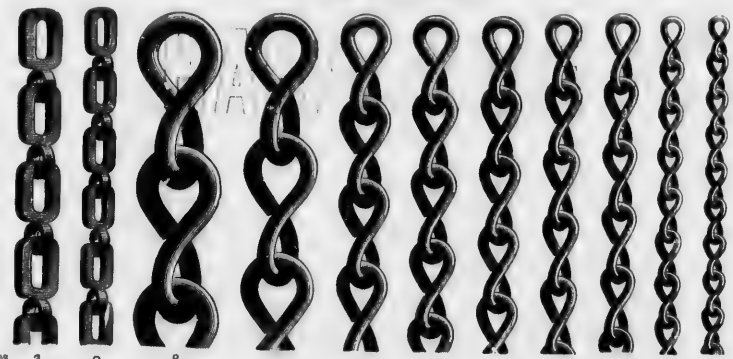
Nos.	8	9	10	11
4½ feet, per dozen, $				
6 feet, per dozen,				

COW CHAINS



No. 1	Solid Ring, 4 inch, 3½ x 8 x 5, with T	per dozen, $
No. 2	Solid Ring, 4 inch, 3½ x 8 x 4, with T	per dozen,
No. 3	Solid Ring, 4 inch, 3½ x 8 x 2, with T	per dozen,
No. 4	Solid Ring, 4 inch, 3½ x 8 x 4, with Snap	per dozen,
No. 5	Open Ring, 4 inch, 3½ x 8 x 5, with T	per dozen,
No. 6	Open Ring, 4 inch, 3½ x 8 x 4, with T	per dozen,
No. 7	Open Ring, 4 inch, 3½ x 8 x 3, with T	per dozen,
No. 8	Open Ring, 4 inch, 4 x 8 x 1, with T	per dozen,
No. 9	Open Ring, 4 inch, 3½ x 8 x 3, with Snap	per dozen,
No. 0	Open Ring, 4 inch, 4 x 8 x 0, with T, Extra Heavy	per dozen,
No. 00	Solid Ring, 2½ inch, 3½ x 8 x 3, with T	per dozen,
No. 01	Walton Pattern, 4½ x 8 x 4, with T	per dozen,
No. 02	Walton Pattern, 4½ x 8 x 3, with T	per dozen,
No. 03	Walton Pattern, 4½ x 8 x 2, with T	per dozen,

JACK CHAINS



Nos. 2 Safety. 0 Safety. 8 Jack. 10 12 13 14 15 16 17 18

BRASS AND IRON JACK CHAIN.

PER PACKAGE OF TWELVE YARDS.

Nos.	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Iron,	$3 20	2 60	2 20	1 90	1 65	1 40	1 20	90	75	65	55	50	45	42	40	38	36	34	34	34
Brass,	9 00	7 50	6 25	5 25	4 50	3 75	3 20	2 50	2 05	1 70	1 40	1 25	1 10	1 00	85	70	60	55	55	55
Silvered,				8 50	7 00	5 50	4 50	3 75	3 20	2 85	2 25	2 10	1 89	1 60	1 50	1 35	1 25	1 15	1 15	1 15

DOUBLE JACK CHAIN

Nos.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iron,	$3 95	3 55	3 25	3 00	2 75	2 00	1 70	1 45	1 30	1 05	95	90	87	85	80	80	75
Brass,					8 00	6 50	5 45	4 05	3 00	2 55	2 25	1 95	1 50	1 40	1 20	1 20	1 15
Silvered,					10 50	8 75	7 25	6 00	4 50	3 75	3 25	2 90	2 50	2 10	1 80	1 80	1 75

SAFETY CHAIN.

Nos.	000	00	0	1	2	3
Brass,	$1 75	2 25	2 50	3 12	4 68	6 36
Silvered,	2 50	3 00	3 25	4 08	5 75	8 00

LADDER CHAIN.

No. 18	Brass, per dozen yards	$2 25
No. 17	Brass, per dozen yards	2 50

REVOLVING CLOSE TOP PITCHER PUMP

FOR LEAD OR IRON PIPE.

FIG. 1—No. 1.

FIG. 1—No. 3.

FIG. 1—No. 4.

No. 1	2½ inch bore for 1 inch pipe	$4 25
No. 2	3 inch bore for 1¼ inch pipe	4 75
No. 3	3½ inch bore for 1¼ inch pipe	5 25
No 4	4 inch bore for 1½ inch pipe	5 75

If Brass Tail Piece is not wanted deduct 25 cents from List.

IRON CISTERN PUMP

WITH BRASS VALVE SEAT, UNION COUPLING, BOLTED BASE AND REVOLVING FULCRUM.

FIG. 2.

REVOLVING FULCRUM CISTERN PUMP

NEW STYLE, WITH BRACKETS AND BRASS VALVE SEAT.

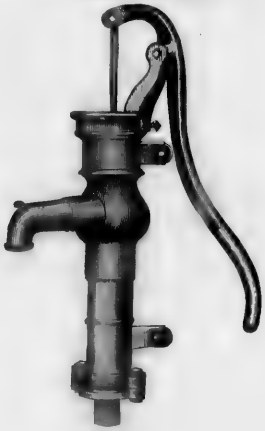


FIG. 3.

Fig. 2.

No. 1	2½ inch bore for 1 inch pipe	$4 50
No. 2	3 inch bore for 1¼ inch pipe	5 50
No. 3	3½ inch bore for 1¼ inch pipe	7 00

Fig. 3.

No. 1	2½ inch bore for 1 inch pipe	4 50
No. 2	3 inch bore for 1¼ inch pipe	5 50
No. 3	3½ inch bore for 1¼ inch pipe	7 00

NEW CISTERN FORCE PUMPS

A.
Hose Clevis.

IG. 5.

FIG. 5 represents our new Cistern Force Pump, with brass pet cock below the spout for emptying the pipes before removing the clevis. We always furnish a hose clevis with above Pump, same as shown above, marked A.

SIZES AND PRICES.

No. 1—2½ inch bore for 1 inch pipe	$6 75
No. 2—3 inch bore for 1¼ inch pipe	7 75
No. 3—3½ inch bore for 1¼ inch pipe	8 75

Deduct 25 cents from List if Brass Tail Piece is not wanted.

FIG. 6.

FIG. 6 shows our new Cistern Force Pump with a faucet instead of spout, and is tapped in the back for attaching the pipe for forcing the water overhead. The faucet has a brass plug, finely finished, and the Pump is in all respects first-class.

SIZES AND PRICES.

No. 1—2½ inch bore for 1 inch pipe	$8 50
No. 2—3 inch bore for 1¼ inch pipe	9 50
No. 3—3½ inch bore for 1¼ inch pipe	10 50

Improved Windmill Standard, Underground Pump.

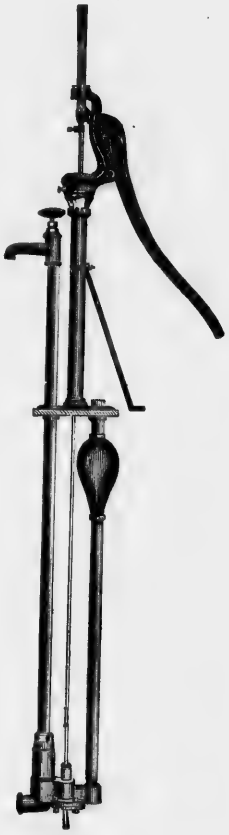


FIG. 7.

Heavy Revolving Open Top Set-Length Pump.

FIG. 8.

Windmill Top Set-Length Pump.

FIG. 10.

Fig. 7, with Three-Way Cock.

This cut represents our underground Pump. The air-chamber connects just below the base, and the cut-off at bottom below air-chamber. Base and cap is connected with two-inch pipe. The wheel above the spout is used to change the direction of water, which connects with a valve by a rod passing through the stuffing box. The three-way cock is three feet below the platform; as also is the working parts of this Pump.

Fig. 8

Fig. 8 represents a heavy Set-length Pump, generally used for shallow wells, drive wells and out-door cisterns. It may be used in wells from 30 to 50 feet deep by lowering cylinder within 20 feet of the water. Furnished with three feet of 1¼ inch wrought iron pipe below base as in cut. Tapped to receive pipe at spout. Longer than ordinary set-lengths, charged extra for pipe and labor. The standard here shown is same as Fig. 18 on page 625. We use the best American leather obtainable in all our valves.

Fig. 10

Fig. 10 represents a Set-length Pump for hand and windmill use Has three feet of wrought iron pipe below base. Pipe screws into standard at spout. This Pump is fitted with our special friction slides in cap and guide, which are loose and can be replaced when worn through. For longer than the usual set-length an extra charge will be made for pipe and labor in fitting up.

SIZES AND PRICES. FIG. 7.

No. 1.—Complete, as shown in cut,	**$18 00**
Without three-way cock	**16 00**

For cylinders to go with this Pump, see page 631.

SIZES AND PRICES. FIG. 8.

No. 2.—With 2½ x 10 cylinder	**$ 8 75**
No. 4.—With 3 x 10 cylinder	**9 25**
No. 6.—With 3½ x 10 cylinder	**9 75**
No. 7.—With 4 x 10 cylinder	**10 25**

SIZES AND PRICES. FIG. 10.

No. 2.—With 2½ x 10 cylinder	**$ 9 50**
No. 4.—With 3 x 10 cylinder	**10 00**
No. 6.—With 3½ x 10 cylinder	**10 50**
No. 7.—With 4 x 10 cylinder	**11 00**

With Foot Valve and Strainer, add $1.50.

Hand and Windmill Pump.

THIS IS NOT A FORCE PUMP.

FIG. 9.

Windmill and Hand Pump.

EXTRA HEAVY.

FIG. 11.

Set-length Force Pump.

NEW.

FIG. 12.

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FIG. 9 represents a Hand and Windmill Standard; has close revolving top, allowing lever or handle to be placed in any required position; it is made strong and well finished; tapped at spout for 1¼ inch pipe. This Pump is fitted with our loose friction slides, which can be replaced when worn through.

PRICE.

With Brace, as in cut **$7 50**

Fig. 11.

FIG. 11 represents a medium and deep well Standard for hand and windmill use, with close revolving top, being heavy and strongly made; and when used in deep wells we can furnish long handles and balls, if wanted, at a small additional cost. The pipe screws in Standard at spout, and tapped for 1¼ inch pipe, unless specially ordered, same as all our Standards It is furnished with brace, and is in every way complete. Fitted with friction pieces in Cap and Guide, thus preventing wear of these parts. The handles in all our Pumps are hung with turned pins, instead of common bolts, as in other makes.

Cylinders listed on page 631.

PRICE.

With Brace, as in cut **$7 50**

Fig. 12.

FIG. 12 represents a Windmill Set-length Force Pump, furnished with brace and hose clevis, as shown in cut, and also furnished with three feet of pipe below base. The air chamber is combined in the Standard instead of being placed on the discharge. This Pump can be used for wells of any depth up to 100 feet. It combines the principles of atmospheric pressure or suction with the Force Pump. Hose can be easily connected, and it is readily converted into a very efficient fire engine, or adapted to any of the many uses for which a first-class Force Pump is usually designed It is tapped to receive the gas pipe just below the spout.

SIZES AND PRICES.

No. 2—With 2½ x 10 inch Cylinder	**$13 00**
No. 4—With 3 x 10 inch Cylinder	**13 50**
No. 6—With 3½ x 10 inch Cylinder	**14 50**
No 7—With 4 x 10 inch Cylinder	**15 00**

With 3 feet of Hose and Discharge Pipe, add $3.

New Hand and Windmill Force Pump Standard.

WITH PIPE ATTACHMENT.

FIG. 17.

Hand and Windmill Pump.

FIG. 19.

Light Hand and Windmill Pump.

FIG. 25.

Fig. 19

Fig. 19 represents a Hand and Windmill Standard, with close revolving top. Furnished with brace, as shown in Cut Tapped to receive pipe at spout, and fitted with Friction pieces and Duplex Handle movement.

This Standard makes an excellent Hand Pump, and can be used for quite heavy Windmill use. It is fitted up in the very best manner, and is in every way complete.

PRICE.

With brace, as in Cut - - - - - **$7 00**

Cylinders listed on page 631. This Standard is the same as Fig. 10, page 622.

Fig. 17

Fig. 17 represents a Force Pump Standard fitted for Hand and Windmill use, and furnished with pipe attachment, as shown in Cut.

These Pumps are fitted up in the very best manner and are in every way complete. Pipe screws into Standard at spout, and always tapped for 1¼ inch pipe unless otherwise ordered.

Can furnish long handle and ball, if desired, at a small additional cost.

PRICE.

Standard and brace only - - - - - - - - - - - - - - **$11 50**
" " with pipe attachment - - - - - - - - - - - - - **14 50**

Without brace, deduct 50c. from List price. Has Friction Slide pieces and Duplex Handle Bearings.

Fig. 25

Fig. 25 represents a light Hand and Windmill Standard, tapped at spout. Has revolving cap and lever, and furnished with brace, as shown in Cut. Our Standards are made from first-class material, and fitted with loose friction slides in cap and arm where the bar works.

PRICE.

With brace, as in Cut - - - - - - - - - - - - - - **$6 50**

This is the same Standard as Fig. 26. Cylinders listed on page 631.

Light Hand and Windmill Pump. **Revolving Open Top Pump.** **Revolving Open Cap Pump.**

FIG. 25.

FIG. 18.

FIG. 27.

HOBBS HARDWARE CO. LONDON

Fig. 25

FIG. 25 represents a light Hand and Windmill Standard, tapped at spout, same as all our make; has revolving cap and lever, and furnished with brace, as shown in cut, and is in every way complete. Our Standards are made from first-class material, and are all finished in a workmanlike manner and fitted with loose friction slides in cap and arm where the bar works.

PRICE.

With Brace, as in cut **$6 50**

Cylinders listed on page 631.

Fig. 18

FIG. 18 represents an Open Top Pump, only differing from Fig. 27 that it is a heavier Standard and is suitable for much heavier work. Cylinder should be used according to depth of well and quantity of water required. Tapped to receive pipe at spout, same as all our make.

PRICE.

With Brace, as in cut **$6 00**

Cylinders listed on page 631.

Fig. 27

FIG. 27 represents an Open Cap Pump, tapped to receive pipe at spout; has revolving cap, same as all our make, allowing handle to be placed in any required position; furnished with brace, as shown in cut. All parts of our Pumps are interchangeable and finished in the best manner.

PRICE.

With Brace, as in cut **$5 50**

Cylinders listed on page 631.

Engine, Windmill and Hand Force Pump.

Fig. 13.

Fig. 30.

Iron Cock, with Brass Plug, $3 extra.

A.

Hose Clevis.

Force Pump Standard.

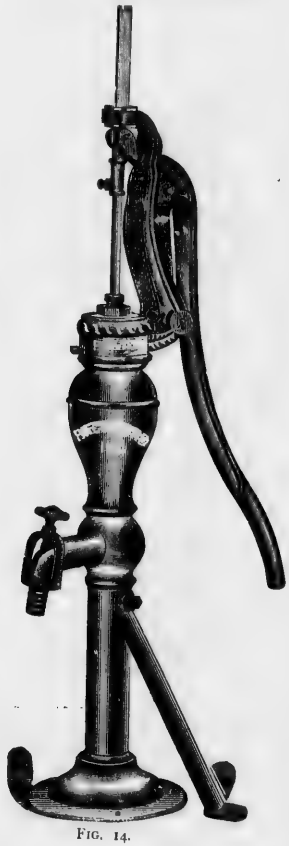


Fig. 14.

Fig. 13.

Fig. 13 represents our Engine, Windmill and Hand Force Pump. It is intended for wells not exceeding 30 feet in depth, but its strength is amply sufficient for service in wells of twice that depth. It will force water in any desired direction, while as an efficient engine for extinguishing fires, watering lawns, washing windows, carriages, etc., it is without an equal. It is equally serviceable as a Lift Well Pump. By means of a bolt or pin, the lever or handle is readily disconnected.

PRICE.

With Goose Neck (as in Cut)	**$12 00**
With Straight Coupling for Hose,	**12 00**
For Iron Cock (Fig. 30) with Brass Plug, add $3.00 to List.	

All our Force Pumps are fitted with Friction Slides for Bar.

Fig. 14.

Fig. 14 represents a Force Pump Standard fitted for hand and windmill use, furnished with brace and hose clevis, as shown in Cut. Can furnish long handle and ball at small additional cost, if desired.

The manner of attaching hose is simple and effective, and does away with cocks and other extras, which only add to the cost; in addition, there are no threads to fill with dirt and grit, strip or wear out. By use of our Hose Clevis, marked "A" in Cut, hose can be attached without the use of a wrench, directly to the spout of the pump, and the full size of the opening preserved.

PRICE.

With brace as in Cut	**$11 00**
Cylinders listed on page 631.	

Fitted with loose friction slides, and handle hung on turned pins.

FORCE PUMP STANDARD.

HAND AND WINDMILL FORCE PUMP.

HOBBS HARDWARE CO.

Fig. 15.

A. Hose Clevis.

Fig. 16.

WITH PIPE ATTACHMENT.

Fig. 15 represents a Force Pump Standard fitted for Hand and Windmill use, and furnished with pipe attachment, as shown in cut. These Pumps are fitted up in the very best manner, and are in every way complete. Pipe screws into Standard at spout, and always tapped for 1¼ inch pipe unless otherwise ordered. Can furnish long handle and ball, if desired, at a small additional cost. (See page 631 for Cylinders.)

PRICE.

With Faucet and Back Attachment	$17 00
Without Faucet and with Hose Coupling only	15 00
With Goose Neck	16 00

Without Brace, deduct 50 cents.

Always fitted with loose friction slides for Bar and Handle. Hung on pins instead of bolts.

Fig. 16

Fig. 16 represents a Force Pump Standard fitted up for Hand and Windmill use; has turned and polished piston bars, brass stuffing box, and tapped in rear for back attachment if at any time desired; also furnished with hose clevis, as shown in cut. Tapped at spout, same as all our Standards, for 1¼ inch pipe, unless otherwise ordered. Can furnish long handle and ball, if so desired, at small extra cost. (Cylinders listed on page 631.)

LONDON

PRICE.

With Brace, as in cut	$11 50

Fitted with loose friction slides and Duplex Handle Bearings, same as all our best Pumps.

EXTRA HEAVY FORCE PUMP STANDARD

FIG. 30.

FIG. 49

Goose Neck.

FIG. 31.

Fig. 30.

FIG. 30 represents and Iron Cock with brass plug, of which we make two sizes, as follows:

SIZES AND PRICES.

No. 1 Cock, for the smaller sizes of House and Force Pumps, with thread cut for 1 inch hose coupling	$2 50
No. 2 Cock, made with threads for 1¼ inch hose coupling, and designed for larger sized Pumps	3 00

Fig. 31.

No. 1—1 inch	$0 50
No. 2—1¼ inch	0 75

Fig. 49.

FIG. 49 represents a Force Pump Standard fitted for Hand and Windmill use. It may be used in any depth well; has long handle and ball; tapped in rear for back attachment, if at any time desired; has a high spout—about 3½ inches higher than any Force Pump shown in our Catalogue. This Pump is largely used in tubular wells, and when so used is tapped for 2 inch pipe and arranged for 10 inch stroke. Tapped to receive pipe at spout for 1¼ inch pipe, unless otherwise ordered.

PRICE.

With Brace, as in cut	$13 00
With 10 inch stroke	14 50

Cylinders listed on page 631.

Force Pump on Base, Air Chamber with Two Outlets.

COCK ON SIDE OUTLET.

FIG. 20.

Force Pump, on Base, with Air-Chamber.

WITH TWO OUTLETS.

FIG. 21.

HOBBS HARDWARE CO. LONDON

Fig. 20.

FIG. 20 shows our No. 3 Force Pump with a cock attached to the side outlet—a very useful addition to Fig. 21, which see for full description. These Pumps can be adapted for attaching to power as well as for hand, if desired. They are rendered anti-freezing by raising the lever to its full height, thereby tripping all the valves below the check-valve under the air-chamber, and by opening the cock all water remaining in the air-chamber or pipes above it will be drawn off. Handle has duplex movement, same as all our Force Pumps. All our threads are cut to exact gauges, so that repairs always fit.

SIZES, CAPACITY AND PRICES.

IRON.

No. 1—2½ inch Cylinder, capacity per stroke ⅛ gallon for 1¼ inch pipe	$12 50
No. 2—3 inch Cylinder, capacity per stroke ⅙ gallon for 1¼ or 1½ inch pipe	14 50
On Plank, same prices.	

BRASS LINED CYLINDERS.

No. 1—2½ inch Cylinder, capacity per stroke ⅛ gallon for 1¼ inch pipe	$17 50
No. 2—3 inch Cylinder, capacity per stroke ⅙ gallon for 1¼ or 1½ inch pipe	18 50
For 3 feet of Hose and Discharge Pipe add $3.00.	

Fig. 21.

FIG. 21 shows our House Force Pump with air-chamber. It will be seen that with this arrangement water can be forced in two, or either of two directions, and to any reasonable distance. By the addition of a cock attached to the horizontal discharge its usefulness can be greatly increased, as it can then be used as a Tank Pump for filling bath tubs, wash basins, etc., in upper rooms, as well as for the ordinary Cistern Pump in the kitchen. The Pumps of this class are built in the most careful and substantial manner and of the best materials. These Pumps are easily adapted to any location. The lever can be revolved to any desired position and held firmly in place It can also be left loose without danger of injury, and swung out of the way when not in use. Handle has duplex movement. All our threads are cut to exact guages, so that repairs always fit.

SIZES, CAPACITY AND PRICES.

IRON.

No. 1—2½ inch Bore, capacity per stroke ⅛ gallon for 1¼ inch pipe	$11 00
No. 2—3 inch Bore, capacity per stroke ⅙ gallon for 1¼ or 1½ inch pipe	13 00
On Plank, same prices.	

BRASS LINED CYLINDERS.

No. 1—2½ inch Bore, capacity per stroke ⅛ gallon for 1¼ inch pipe	$16 00
No. 2—3 inch Bore, capacity per stroke ⅙ gallon for 1¼ or 1½ inch pipe	17 00
For 3 feet of Hose and Discharge Pipe add $3.00.	

Force Pump, on Base or Plank,

WITH FIRE ENGINE ATTACHMENTS.

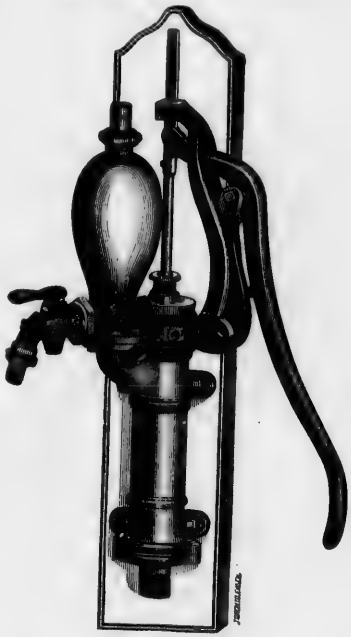


FIG. 22.

Fig. 22 represents substantially the same Pump as Fig. 20, with additions increasing its usefulness, making it at will an efficient Fire Engine, or very serviceable in all cases requiring water to be thrown with force to a greater or less distance. For use in livery stables, carriage houses, warehouses and private dwellings. An excellent Cistern Pump, hose can be attached very quickly, and a constant stream thrown to a distance of 50 feet horizontally by the power of one man. When used as a common Lift Pump, the vent-nut should be unscrewed two or three turns. If required as a Force Pump, screw the nut down tightly. The piston-rod, stuffing box and valve seat are all of brass.

FIG. 31.

Shallow Well Set-Length Pump.

WITH REVOLVING TOP.

FIG. 24.

SIZES, CAPACITY AND PRICES. (FIG. 22).

IRON.

No. 1.—2½ inch Cylinder, capacity per stroke ⅛ gallon, for 1¼ inch pipe	$12 50
No. 2.—2½ inch Cylinder, capacity per stroke ⅙ gallon, for 1¼ or 1½ inch pipe	14 50

BRASS LINED CYLINDERS.

No. 1.—2½ inch Cylinder, capacity per stroke ⅛ gallon, for 1¼ inch pipe	$17 50
No. 2.—3 inch Cylinder, capacity per stroke ⅙ gallon, for 1¼ or 1½ inch pipe	19 00

For three feet of Hose and Discharge Pipe, add $3 to list price.

Fig. 24

FIG. 24 represents a Set-length Pump. The pipe screws into the Standard at the spout, and furnished with three feet of wrought iron pipe below base. Can be used in wells from 30 to 40 feet deep.

SIZES AND PRICES.

(AS SHOWN IN CUT).

No. 2.—With 2½ x 10 Cylinder	$8 50
No. 4.—With 3 x 10 Cylinder	9 00
No. 6.—With 3½ x 10 Cylinder	9 50

th Pump.
TOP.

$12 50
14 50

$17 50
19 00

iron pipe

$8 50
9 00
9 50

IRON PUMP CYLINDERS

CYLINDER PRICE LIST.

IRON CYLINDERS.

2½ x 10	$4 35	3½ x 12	8 00	2½ x 14	$6 50
3 x 10	5 00	4 x 12	9 00	3 x 14	7 50
3½ x 10	5 60	2½ x 13	6 25	3½ x 14	8 50
4 x 10	6 25	3 x 13	7 25	4 x 14	9 50
2½ x 12	6 00	3½ x 13	8 25	2 x 16	6 00
3 x 12	7 00	4 x 13	9 25	2½ x 16	7 00

3 x 16	$8 00	3½ x 18	9 75
3½ x 16	9 00	4 x 18	10 75
4 x 16	10 00		
3 x 18	8 75		

BRASS LINED AND BRASS BODY CYLINDERS.

2½ x 10	$7 75	3½ x 12	$10 50	2½ x 16	$10 00
3 x 10	8 75	4 x 12	11 50	3 x 16	11 00
3½ x 10	9 75	2½ x 14	9 25	3½ x 16	12 00
4 x 10	10 75	3 x 14	10 25	4 x 16	13 00
2½ x 12	8 50	3½ x 14	11 25	3 x 18	12 00
3 x 12	9 50	4 x 14	12 25		

3½ x 18	$13 00	3 x 20	$18 25
4 x 18	14 00	3½ x 20	20 00
3 x 20	13 00	4 x 20	22 00
3½ x 20	14 00		
4 x 20	15 00		

BRASS BODY CYLINDERS AND BRASS PLUNGERS, WITH IRON ATTACHMENTS.

3 x 14	$16 00	3 x 16	$16 75	3 x 18	$17 50
3½ x 14	17 75	3½ x 16	18 25	3½ x 18	19 50
4 x 14	20 00	4 x 16	21 00	4 x 18	21 50

3 x 20	$18 25
3½ x 20	20 00
4 x 20	22 00

All our Cylinders are tapped for 1¼ inch pipe and Cylinder Stubs fitted for ⅜ couplings, unless otherwise ordered.

GBD HARDWARE CO LONDON

VALVES AND DRIVE WELL POINTS

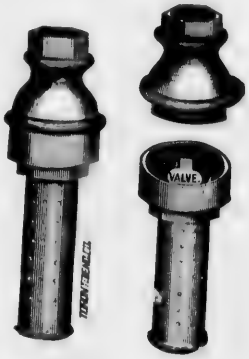


FIG. 32.

FOOT VALVE.

Fig. 32 shows our improved Foot Valve and strainer, designed for attaching to the lower end of suction pipes, to relieve the upper working valves of the weight of the column of water when the pump is not in use. This Valve being at the bottom, not only prevents the water from passing back, but forms a support for that in the suction pipe, keeping it constantly so near the piston that the pump cannot fail in perfect operation under ordinary circumstances.

SIZES AND PRICES.

	Calibre.	Price.
No. 1.—Fitted for Wrought Iron Pipe	1 in.	$2 00
No. 2.—Fitted for Wrought Iron Pipe	1¼ in.	2 25
No. 3.—Fitted for Wrought Iron Pipe	1½ in.	2 50

FIG. 33.

FIG. 34.

STRAINERS.

Fig. 33 represents a Strainer threaded for the ordinary sizes of Gas pipe.

SIZES AND PRICES

1, 1¼ and 1½ inch $0 35

Fig. 34 represents a Strainer made large at the end to slip on over the pipe, and is held in place by a set screw, as shown in cut.

SIZES AND PRICES.

1, 1¼ and 1½ inch $0 50

CHECK VALVES.

FIG. 36

Fig. 36 represents a Check Valve for placing at any point in the suction pipe for relieving the upper working valves of the columns of water in the suction pipe. All furnished with brass Valve Seats

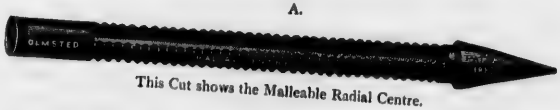
SIZES AND PRICES.

No. 1.—Fitted for 1¼ inch pipe, each . . . $1 50
No. 2.—Fitted for 1½ inch pipe, each . . . 1 75

DRIVE WELL POINTS

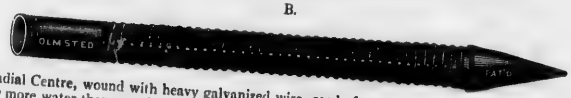
FIG. 43.

A.



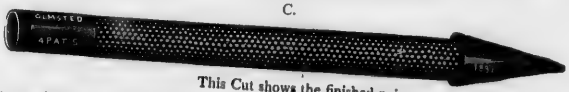
This Cut shows the Malleable Radial Centre.

B.



This Cut shows the Radial Centre, wound with heavy galvanized wire, ready for putting on the wire gauze and brass jacket. A two-foot point of this kind will supply more water than any three-foot point made of pipe.

C.



This Cut shows the finished point.

In these points there is no possible chance for the wire gauze to be clogged up on the under side with clay or with any other substance.

While it costs a little more to make Radial Centre Points than same size pipe points, you get a point with more than four times as much water surface under the gauze than you can get in any pipe point made, and this fact makes Radial Centre Points the cheapest to buy of any point in the market.

PRICES.

1¼ INCH POINTS.

No. 1.—2 feet long, 18 inch jacket, No. 60 gauge $4 75
No. 2.—2 feet long, 18 inch jacket, No. 80 gauge 5 75
No. 3.—20 inches long, No. 60 gauge 4 00
No. 4.—20 inches long, No. 80 gauge 5 00

CAST IRON SINKS

WITH ROUND BOTTOM AND SQUARE TOP.

PAINTED ON THE INSIDE.

SIZES AND PRICES.

14 x 25, depth 5 inches. .....$2 50 each	15 x 27, depth 5 inches.....$2 90 each	18 x 36, depth 6 inches.....$4 50 each
16 x 24, " 6 " ..... 2 70 "	18 x 30, " 6 " ..... 3 60 "	22 x 36, " 6 " .... 5 50 "
18 x 24, " 6 " ..... 2 80 "	20 x 30, " 6 " ..... 4 00 "	20 x 40, " 6 " ..... 6 00 "

HARDWARE CO

WROUGHT IRON WELDED PIPE.

FOR STEAM, WATER AND GAS,

BLACK AND GALVANIZED LAP WELDED WROUGHT IRON PIPE.

Inside Diameter.	Price Per Foot.	Weight Per Foot.	Inside Diameter.	Price Per Foot. Black.	Price Per Foot. Galvanized.	Weight Per Foot.
1-4 inch	$0 06	.42	2½ inch	$0 44	$0 49	5.77
3-8 "	0 07	.56	3 "	0 58	0 64	7.54
1-2 "	0 08½	.85	3½ "	0 70	0 86	9.05
3-4 "	0 12	1.12	4 "	0 85	1 00	10.72
1 "	0 17	1.07	4½ "	1 00	1 25	12.42
1¼ "	0 22	2.25	5 "	1 20	1 50	14.56
1½ "	0 28	2.69	6 "	1 60	2 00	18.77
2 "	0 43	3.66				

Discount, Black . . . . . | Discount, Galvanized . . . . .

SPECIAL EXTRA STRONG WROUGHT IRON PIPE.

FOR PIPE FURNACES, BENDING, ETC.

Inside Diameter.	Price Per Foot.	Weight Extra Strong.
3-4 inch	$0 12	1.50
1 "	0 17	2.25
1¼ "	0 22	3.00
1½ "	0 28	3.38
2 "	0 43	4.75

LONDON

FITTINGS

ELBOWS.

GAS.

STEAM.

REDUCING ELBOWS.

GAS.

STEAM.

STREET ELBOWS.

MALE AND FEMALE SCREW.

DROP ELBOWS.

MALE AND FEMALE.

REDUCING COUPLINGS.

COUPLINGS.

RIGHT HAND.

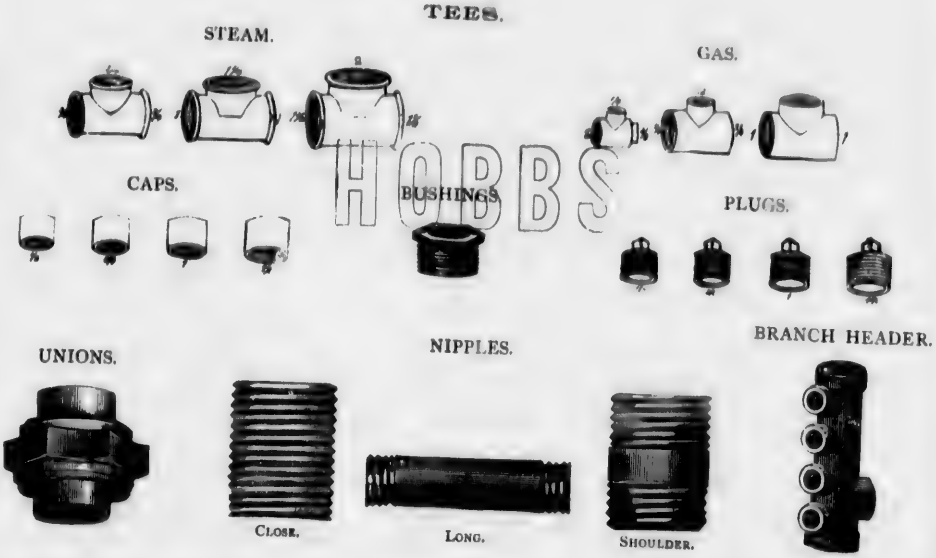
RIGHT AND LEFT.

CROSSES.

RETURN BENDS.

OPEN PATTERN. CLOSE PATTERN.

FITTINGS



HOBBS HARDWARE CO. LONDON

PIECE FITTINGS.

SIZE.	¼	⅜	½	¾	1	1¼	1½	2	2½	3	3½	4
Nipples, close or shoulders, each	.05	.06	.07	.09	.10	.14	.17	.25	.56	.75	1.00	1.25
Nipples, long	.07	.09	.10	.11	.15	.20	.25	.35	.75	.95	1.25	1.60
Nipples, R. and L.	.10	.10	.12	.15	.18	.24	.30	.40	1.00	1.25	....	....
Couplings, Wrought Iron	.05	.06	.07	.10	.13	.17	.21	.28	40	.60	.80	1.00
Flanges, "	.14	.16	.20	.22	.25	.30	.33	.48	....	....	....	....
Pipe Bends "	.11	.11	.13	.17	.24	.33	.42	.80	....	....	....	....
Flanges, Cast Iron	....	....	....	....	....	....	.36	.55	.75	.96	1.26	1.76
Bushings	....	.05	.06	.07	.09	.13	.17	.27	.42	.60	.80	1.00
Plugs	.03	.03	.04	.05	.06	.10	.13	.20	.35	.50	.75	.85
Flanged Unions	....	....	....	....	.70	.85	1.15	1.50	1.75	2.25	2.75	3.15
Malleable Unions	.15	.18	.20	.28	.34	.46	.60	.80	1.50	2.10	3.00	4.00
Stop Cocks, all Iron	....	.75	.80	.90	1.25	1.50	2.00	2.60	4.50	6.50	12.00	16.00
" Brass Washers	....	....	.90	1.00	1.40	1.75	2.25	3.00	5.00	7.50	14.00	19.50
" " Plugs	....	....	1.20	1.60	2.00	2.75	4.00	5.00	9.50	13.50	30.00	40.00

CAST IRON FITTINGS

Discount.	Size.....	¼	⅜	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6
	Elbows .....each	4	5	6	9	13	20	25	.40	.75	1.10	1.35	1 80	2.85	3.90
	Elbows, Reducing .... "	5	6	7	11	16	23	29	.46	.85	1.25	1.50	2.10	3.25	4.50
	Elbows, R. & L ..... "	5	6	7	11	16	23	29	.46	.85	1.25	....	....	....	....
	45° Elbows ..... "	..	10	10	15	20	26	35	.50	1.30	1.60	....	....	....	....
	Tees..... "	6	7	9	13	20	30	38	.60	1.10	1.50	2.00	2.50	4.00	5.50
	Tees, Reducing..... "	7	8	11	15	23	35	44	.70	1.25	1.75	2.30	2.90	4.60	6.35
	Return Bends, close.. "	..	..	10	15	22	34	45	.75	1.50	2.25	....	..	....	..
	Return Bends, open... "	..	..	15	20	30	48	68	1.15	1.75	2.75	....	....	....	....
	Y's ..... "	..	..	25	30	40	60	90	1.25	....	....	....	....	....	....
	Single Hook Plates ... "	..	..	..	7	9	10	20	.30	....	....	....	....	....	....
	Ring Pipe Hangers.... "	..	..	..	24	28	40	48	.56	1.08	1.20	1.50	1.60	1.80	2.00

Right and Left and Left Hand Fittings not mentioned above will be charged 15 per cent. more than Right Hand Fittings.

BRANCH TEES, HOOK PLATES, COIL STAYS, ETC.

Discount.	Number of Pipes	1	2	3	4	5	6	7	8	9	10	12
	Brass Tees, 1 inch ....each	.	75	90	1.05	1.20	1.50	4.00	4.50	5.00	5.50	6.00
	Ring Plates, 1 inch . . "	15	25	35	.45	.55	.65	.75	85	1.00	1.20	1.60
	Hook Plates, 1 inch... "	9	15	21	.27	.32	.40	.48	.56	.65	.70	1.00
	Expansion Plates..... "	12	20	27	.38	.45	.55	.65	.75	.85	.95	1.20
	Rosette Plates, 1 inch.. "	..	40	.	.60	....	.88	....	1.20	....	1.45	1.70
	Wall Coil Stays, 1 inch "	..	40	..	.60	....	.70	....	.80	....	.92	1.00
	Coil Stays, 1 inch..per pair	.	..	.	.60	....	.75	....	1.30	....	1.60	2.05

When not ordered otherwise, Branch Tees will be tapped Left in Front and Right in Feeds.

MALLEABLE IRON FITTINGS.

CLASS A.

Elbows—⅛, ¼ x ⅛, ⅜ x ⅛. Reducing Couplings—¼ x ⅛, ⅜ x ⅛ . . . . . 25 cents per lb.
Tees—⅛, ⅛ x ¼, ¼ x ⅛, ⅜ x ⅛. Couplings, R. H.—⅛ . . . . . 25 cents per lb.

CLASS B.

Elbows and Tees from ¼ to ¾, inclusive. Reducing Couplings, all sizes . . . . . 13 cents per lb.
Street Elbows, all sizes. Extension Pieces . . . . . 13 cents per lb.
Elbows, Side Outlets, all sizes. Right and Left Fittings, all sizes . . . . . 13 cents per lb.
Crosses, all sizes. Right Hand Couplings, ¼ to 1 . . . . . 13 cents per lb.
Drop L's and Drop Tees, all sizes. Waste Nuts, Chandelier Hooks . . . . . 13 cents per lb.
Caps and Lock Nuts all sizes. Return Bends, all sizes. Straps, not Tinned, all sizes . . . . . 13 cents per lb.

CLASS C.

Elbows and Tees, 1 x ¾ and larger . . . . . 11 cents per lb.

Such Fittings, in this Class, as have one or more outlet smaller than ¾ will be charged in Class B.

GALVANIZED FITTINGS.

Discount.	Size.....	¼	⅜	½	¾	1	1¼	1½	2
	Elbows. .....each	6	9	12	18	30	45	55	.85
	Elbows, Reducing..... "	10	12	14	22	32	46	58	.92
	Tees ..... "	8	13	17	25	40	60	85	1.20
	Tees, Reducing ..... "	14	16	22	30	46	70	88	1.40
	Couplings ..... "	7	8	10	13	18	25	32	.40
	Unions.....	20	24	27	37	50	70	90	1.20
	Nipples	..	8	9	11	13	17	23	.32

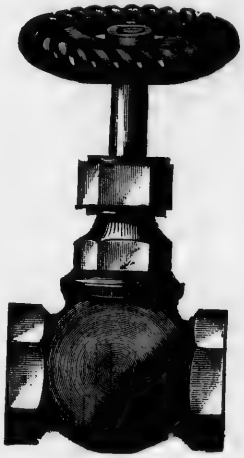
ENGINEERS' AND STEAMFITTERS' BRASS WORK

STEAM WORK

BRASS.

BRASS GLOBE VALVES.

Fig. 1.



JENKINS' GLOBE VALVES.

Fig. 2.

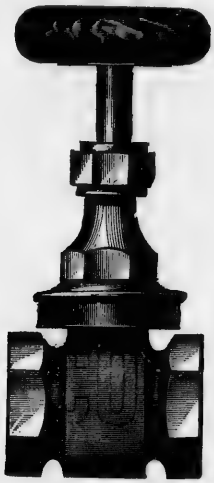


Fig. 1—BRASS.

Size, Inches	⅛	¼	⅜	½	¾	1	1¼	1½	2	2½	3	3½	4
Each	$ 0 60	60	75	1 00	1 35	1 80	2 80	3 90	5 90	11 25	16 00	28 00	40 00
Each, Extra Heavy	80	80	95	1 25	1 80	2 50	3 75	5 25	7 75	14 00	19 00		

Fig. 2—BRASS.

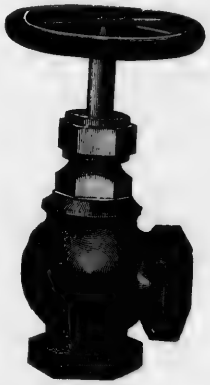
Size, Inches	¼	⅜	½	¾	1	1¼	1½	2	2½	3
Each	$ 1 10	1 20	1 60	2 20	2 80	4 00	5 50	8 00	15 75	22 00

Fig. 2—BRASS, WITH FLANGES.

Size, Inches	¾	1	1¼	1½	2	2½	3
Each	$ 4 00	5 00	7 00	9 00	14 00	20 00	30 00

BRASS ANGLE VALVES

FIG. 4.



WITH FLANGES.
FIG. 5.

Fig. 4—BRASS.

SIZE	¼	⅜	½	¾	1	1¼	1½	2	2½	3	3½	4
Each	$ 0 60	75	1 00	1 35	1 80	2 80	3 90	5 90	11 25	16 00	30 00	40 00
Each, Extra Heavy	80	95	1 25	1 80	2 50	3 75	5 25	7 75	14 00	19 00		

Fig. 5—BRASS.

SIZE	¾	1	1¼	1½	2	2½	3
Each	$ 4 00	5 00	7 00	9 00	14 00	20 00	30 00

CHECK VALVES.

FIG. 6.

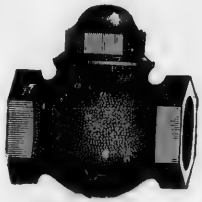
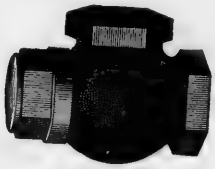


FIG. 7.



Figs. 6 and 7—HORIZONTAL OR ANGLE.

FIG. 8.

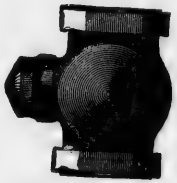


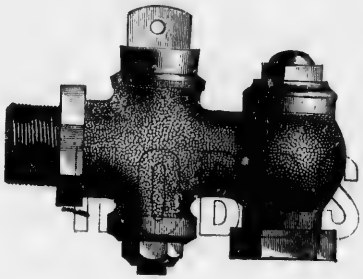
FIG. 9.

Figs. 8 and 9—PERPENDICULAR.

FIGURE.	SIZE	¼	⅜	½	¾	1	1¼	1½	2	2½	3
6 and 7	Each	$ 0 50	60	85	1 15	1 55	2 30	3 25	5 20	10 00	14 00
8	Each	60	75	1 00	1 40	1 85	2 85	4 00	6 00	11 25	16 00
9	Each	50	60	85	1 15	1 55	2 30	3 25	5 20	10 00	14 00

COMBINED COCK AND CHECK VALVES

Fig. 10.



BRASS.

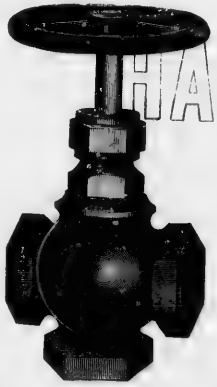
Figure.	Size	½	¾	1	1¼	1½
10	Each	$ 3 50	4 50	6 00	7 00	

COMBINED GLOBE AND CHECK VALVES, BRASS.

No.	Size	¾	1	1¼	1½	2
10½	Each	$ 1 50	2 20	3 15	4 50	5 90

CROSS VALVES.

Fig. 11.



CROSS VALVES, WITH FLANGES.

Fig. 12.

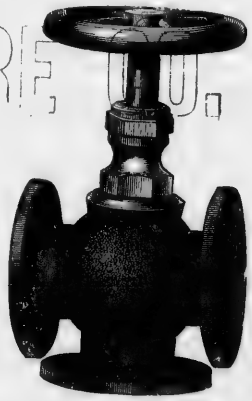


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Fig. 11—BRASS.

Figure.	Size	½	¾	1	1¼	1½	2	2½	3
11	Each	$ 1 50	2 00	2 50	3 50	5 00	8 00	16 00	24 00

Fig. 12—BRASS.

Figure.	Size	¾	1	1¼	1½	2	2½	3	3½	4
12	Each	$ 6 00	7 00	10 00	14 00	21 00	30 00	45 00	60 00	90 00

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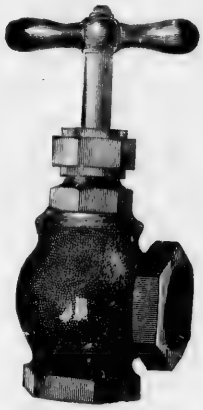
RADIATOR VALVES

T HANDLE.
ROUGH AND FINISHED BODIES.

FIG. 13.

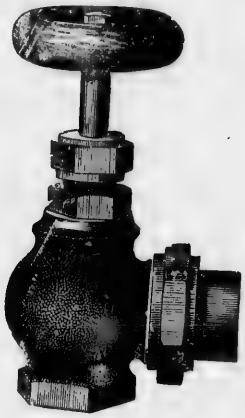


WOOD WHEEL HANDLE.
ROUGH AND FINISHED BODIES.

FIG. 14.

WOOD WHEEL HANDLE.
GROUND COUPLING.

FIG. 15.



BRASS.

FIGURE.	SIZE	½	¾	1	1¼	1½	2
13	Each	$1 35	1 60	2 25	3 25	4 50	7 00
	Each, Nickel Plated Mountings	1 65	1 95	2 65	3 70	5 00	7 75
14	Each	$1 35	1 60	2 25	3 25	4 50	7 00
	Each, Nickel Plated Mounting only	1 55	1 85	2 50	3 50	4 80	7 50
	Each, Nickel Plated	1 65	1 95	2 65	3 70	5 00	7 75
	Each, Finished Body	1 85	2 15	2 85	4 00	5 50	8 50
	Each, Finished Body, Nickel Plated	2 15	2 50	3 25	4 45	6 00	9 25
15	Each	$2 05	2 45	3 25	4 50	6 50	10 00
	Each, Nickel Plated	2 40	2 85	3 65	5 05	7 10	10 85
	Each, Finished Body	2 55	3 00	3 85	5 25	7 50	11 50
	Each, Finished Body, Nickel Plated	2 90	3 40	4 30	5 80	8 10	12 35

FIG. 17.

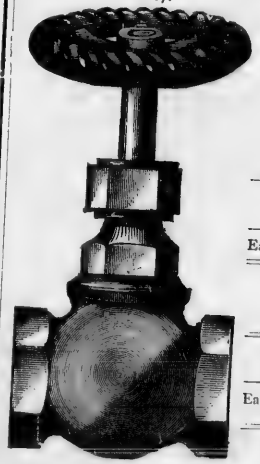


FIG. 16.

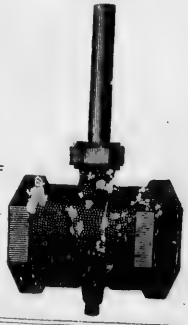


Fig. 16—BRASS THROTTLE VALVES.

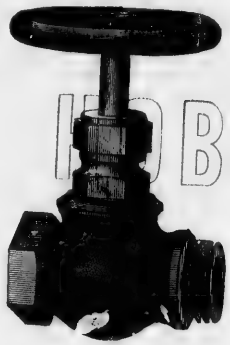
SIZE	1	1¼	1½	2	2½	3
Each	$3 50	4 50	5 50	8 00	11 00	16 00

Fig. 17—PEET VALVES.

SIZE	⅜	½	¾	1	1¼	1½	2	2½	3
Each	$ 1 00	1 20	1 75	2 50	3 50	5 00	7 50	15 00	22 00

GLOBE HOSE VALVES

FIG. 18.



BRASS.

Size	¾	1	1¼	1½	2	2½	3
Each	$ 1 60	2 15	3 35	5 00	7 25	13 00	17 50
Each, with Flange	4 00	5 00	7 00	9 00	14 00	20 00	

EXPANSION AIR VALVES, FOR RADIATORS.

BRASS.

FIGS. 19 and 19½.

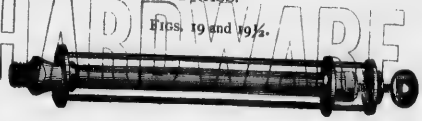


FIG. 20.

Fig. 20

FOOT VALVES AND STRAINER

BRASS.

FIG. 20½.

Figure.	Size	⅜
19	Each, Brass	$ 2 25
	Each, Nickel Plated	2 50
19½	Each, Brass, size 12 inches long, tapped for ½ inch iron pipe	2 00
	Each, Nickel Plated, size 12 inches long, tapped for ½ inch iron pipe	2 25

Figure.	Size	1	1¼	1½	2	2½	3
20 AND 20½	Each	$ 2 35	3 35	4 50	6 50	11 80	15 50
	Iron Body Foot Valves, with Strainer. Size	2	2½	3	4	5	6
	Each	$ 4 25	5 25	6 50	10 00	15 00	21 00

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SAFETY VALVES

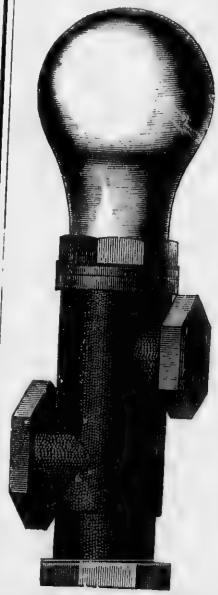
Fig. 21. BRASS.

Size	½	¾	1	1¼	1½	2	2½
Each	$2 75	3 50	5 00	7 00	8 50	12 00	20 00

SAFETY VALVES, ANGLE PATTERN

Fig. 22.

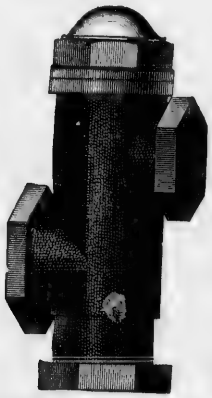
Fig. 24.



BRASS.

Size	½	¾	1	1¼	1½	2	2½
Each	$ 2 75	3 50	5 00	7 00	8 50	12 00	20 00

Fig 23.



PUMP VALVES

BRASS.

Fig. 23.

Size	½	¾	1	[illegible]	1½
Each	$ 2 00	3 [illegible]	[illegible]	6 00	9 00

FIG 24. With Air Chamber.

Size	½	¾	1	[illegible]	1½
Each	$ 2 50	3 50	5 [illegible]	[illegible]	10 50
Each, with Air Cock	3 00	4 00	5 50	[illegible] 75	11 00

STEAM STOP COCKS

BRASS.

FIG. 25.

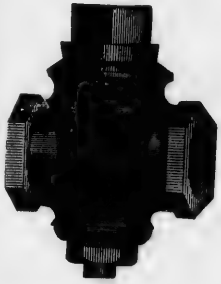


FIG. 26.

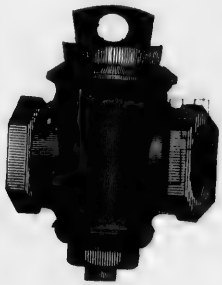


FIG. 27.

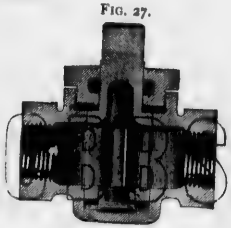
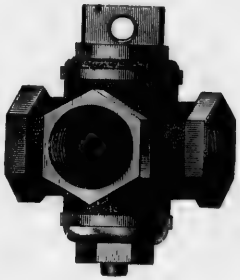


FIG. 28.



Figs. 25 and 26.

SIZE	¼	⅜	½	¾	1	1¼	1½	2	2½	3
Each	$0 70	75	1 10	1 50	2 25	3 75	4 80	7 25	14 00	20 00
Each, Extra Heavy	80	95	1 30	1 90	2 75	4 50	5 75	9 00	17 00	25 00

Fig. 27—PACKED PLUGS.

SIZE	¾	1	1¼	1½	2	2½	3
Each	$3 00	4 00	6 00	8 00	14 00	28 00	40 00
Each, with Gland	4 00	5 00	7 50	10 00	17 00	32 00	45 00
Each, Flanged	6 00	7 00	11 00	13 50	23 00	40 00	55 00
Each, with Gland, Flanged	7 00	8 00	12 50	15 50	26 00	44 00	60 00

Fig. 28—THREE-WAY STEAM STOP COCKS.

SIZE	½	¾	1	1¼	1½	2	2½	3
Each	$1 65	2 25	3 40	5 50	7 00	10 00	18 00	26 00
Each, Flanged	5 25	6 50	7 75	10 00	14 00	22 00	31 00	39 00

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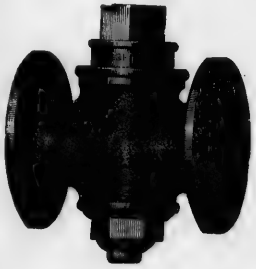
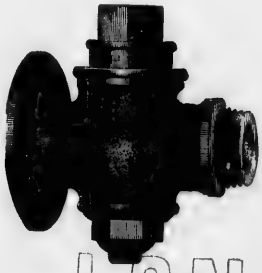
Double Flange Cock.

FIG. 29.



Flange Hose Cock.

FIG. 30.



Flange Cock, with Hose Coupling.

FIG. 31.

LONDON

BRASS.

FIGURE.	SIZE	½	¾	1	1¼	1½	2	2½	3
29	Each	$3 50	4 50	5 50	8 00	10 00	15 00	22 00	32 00
30	Each		3 75	5 00	7 00	9 00	13 00	20 00	28 00
31	Each		4 00	5 50	7 75	10 25	15 00	23 00	34 00

WHISTLE VALVES

BRASS.

Fig. 32.

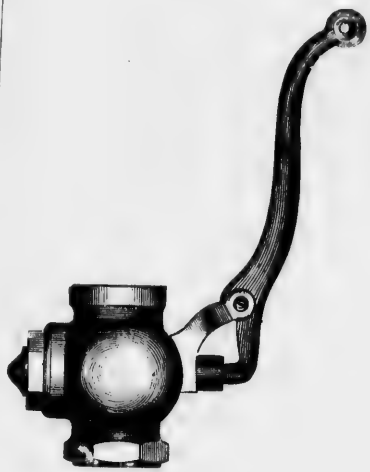
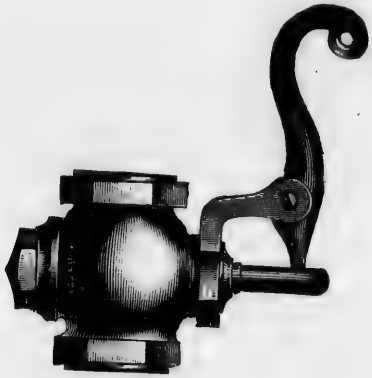


Fig. 33.



Figs. 32 and 33

Size	½	¾	1	1¼	1½	2	2½	3
Each, Rough	$2 25	2 75	3 25	4 00	5 50	9 50	20 00	30 00

BRASS BUSHINGS.

Fig. 34—Round.

Fig. 35—Hexagon.

BRASS UNION JOINT.

Fig. 36.

BRASS PLUG.

Fig. 37.

Figs. 34 and 35—BRASS BUSHINGS.

Size	⅛ x ¼	¼ x ⅜	⅜ x ½	½ x ¾	¾ x 1	1 x 1¼	1¼ x 1½	1½ x 2	2 x 2½	2½ x 3
Each	$0 07	09	11	17	30	42	59	75	1 25	2 50

Fig. 36—BRASS UNIONS.

Size	⅛	¼	⅜	½	¾	1	1¼	1½	2
Each	$0 35	40	55	75	1 00	1 40	1 90	2 75	4 00

Fig. 37—BRASS PLUGS.

Size	⅛	¼	⅜	½	¾	1	1¼	1½	2	2½
Each	$0 06	08	10	15	20	25	40	50	90	1 50

EXPANSION JOINTS

Fig. 38—BRASS.

Fig. 39—IRON BODY, BRASS SLEEVE.

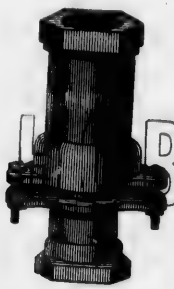


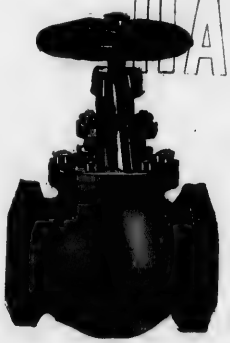
Fig. 40—IRON BODY, FLANGED END.

Figure.	Size	¼	1	1¼	1½	2	2½	3	3½	4
38	Each, Screwed	$ 2 00	2 75	4 00	5 50	8 00	16 00	24 00		
39	Each, Screwed	.....	.....	.....	.....	11 00	13 00	17 50	25 00	30 00

40 Size	2	2½	3	3½	4	5	6	8
Each	$18 00	20 00	25 00	35 00	40 00	55 00	65 00	110 00

IRON BODY GLOBE VALVE.

Fig. 41—BRASS MOUNTED.



IRON BODY ANGLE VALVE.

Fig. 42—BRASS MOUNTED.

Fig. 41.

Size	2	2½	3	3½	4	5	6
Each, Screwed Ends, without Yoke	$ 5 00	7 50	10 50				
Each, Flanged Ends, without Yoke	6 75	9 50	13 50				
Each, Screwed Ends, with Yoke	8 00	10 50	14 50	18 00	21 00	32 00	44 00
Each, Flanged Ends, with Yoke	9 75	12 50	17 50	21 50	25 00	36 00	49 00

Fig. 42.

Size	2	2½	3	3½	4	5	6
Each, Screwed Ends, without Yoke	$ 5 00	7 50	10 50				
Each, Flanged Ends, without Yoke	6 75	9 50	13 50				
Each, Screwed Ends, with Yoke	8 00	10 50	14 50	18 00	21 00	32 00	44 00
Each, Flanged Ends, with Yoke	9 75	12 50	17 50	21 50	25 00	36 00	49 00

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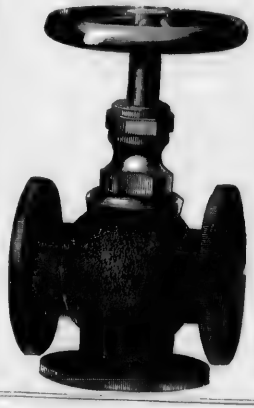
IRON BODY, BRASS MOUNTED

CROSS VALVES

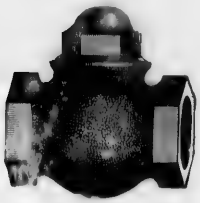
WITH FLANGES.

FIG. 43.

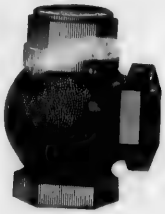


CHECK VALVES

HORIZONTAL.
FIG. 44.



ANGLE.
FIG. 45.



VERTICAL.
FIG. 46.

Fig. 43.

SIZE, Inches	1¼	1½	2	2½	3	3½	4	4½	5	6	7	8	10
Screwed Ends, without Yoke	$ 3 50	4 75	6 50	10 00	14 00								
Flanged Ends, without Yoke	5 50	7 00	9 00	13 00	18 50								
Screwed Ends, with Yoke	.....	.....	.....	.....	18 00	23 00	27 00	35 00	40 00	54 00	90 00	105 00	175 00
Flanged Ends, with Yoke	.....	.....	.....	.....	22 50	28 [illegible]	33 00	41 00	46 50	61 50	95 00	114 00	[illegible] 00

Figs. 44 and 45.

SIZE, Inches	2	2½	3	3½	4	4½	5	6	7	8	10
Each, Screwed Ends	$ 3 75	6 25	9 75	12 75	15 00	20 00	24 00	33 00	55 00	65 00	110 00
Each, Flanged Ends	5 50	8 25	12 75	16 25	19 00	24 00	28 00	38 00	60 00	71 00	120 00

Fig. 46.

SIZE, Inches	2½	3	3½	4	5	6
Each, Screwed Ends	6 25	9 75	12 75	15 00	24 00	33 00

IRON BODY SAFETY VALVES

BRASS MOUNTED

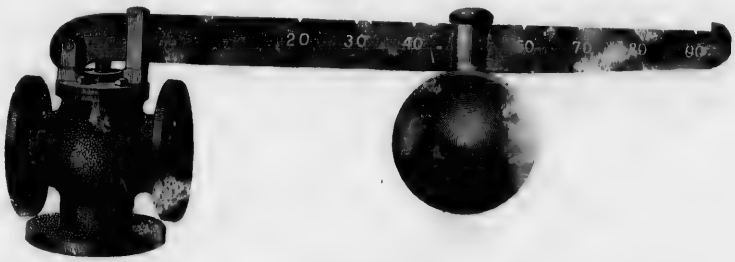
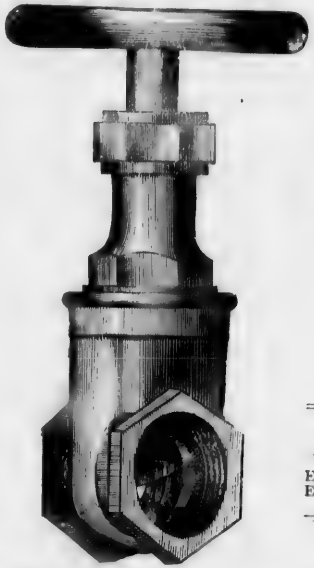


Fig. 47.

SIZE, Inches	1½	2	2½	3	3½	4	5	6
Each	$ 6 00	8 00	13 00	18 00	24 00	30 00		
Each, Flanged	8 25	10 50	16 00	22 50	29 25	36 00	50 00	67 50

FIG. 48.



IRON BODY BACK PRESSURE VALVES.

FIG. 49.

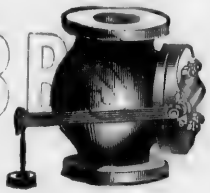


Fig. 48—BRASS MOUNTED.

SIZE	2½	3	4	5	6
Each, Screwed Ends		$22 00	28 50	37 25	48 50
Each, Flanged Ends		24 00	30 00	39 00	55 00

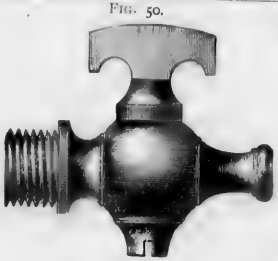
IRON BODY EDDY VALVES.

SIZE	[illegible]	4	5	6	8
Each, Screwed I	$17 00	19 00	25 00	31 00	45 00
Each, Flanged I	17 00	19 00	25 00	31 00	45 00

Fig. 49.

SIZE	1½	2	2½	3	3½	4	5	6
Each, Screwed Ends	$7 [illegible]	8 00	10 50	14 50	18 00	21 00	32 00	44 00
Each, Flanged Ends	[illegible] 50	9 75	[illegible] 50	17 50	21 50	25 00	36 00	49 00

FIG. 50.



AIR OR PET COCKS.

SCREWED FOR IRON PIPE,
T HANDLE.

FIG. 51.

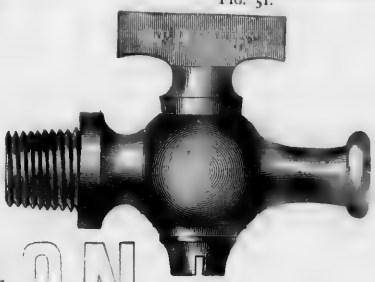


Fig. 50 and 51.

SIZE	⅛	¼	⅜	½
Each	$0 65	65	80	80

HOBBS HARDWARE CO. LONDON

AIR OR PET COCKS

SCREWED BOTH ENDS FOR IRON PIPE, T HANDLE.

Fig. 52.

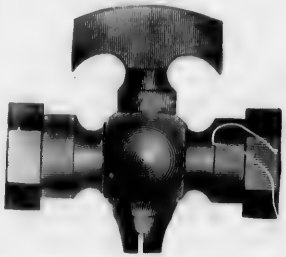
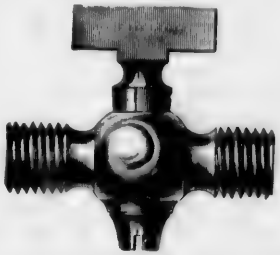


Fig. 53.



Figs. 52, 53 and 54.

Size of Shank Screwed for Iron Pipe	¼	⅜	½
Each	$ 0 80	90	1 00

Fig. 54.

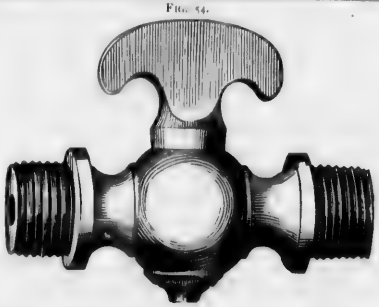


Fig. 55, LEVER HANDLE.

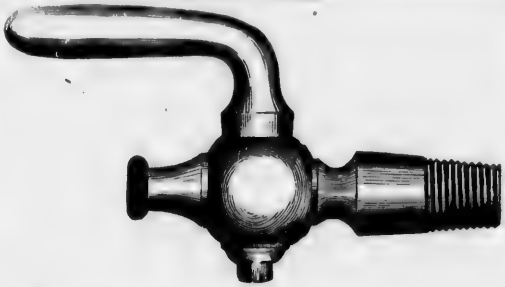


Fig. 55.

Size of Shank Screwed for Iron Pipe	¼	⅜	½
Each	$ 0 80	90	1 00

Fig. 56.

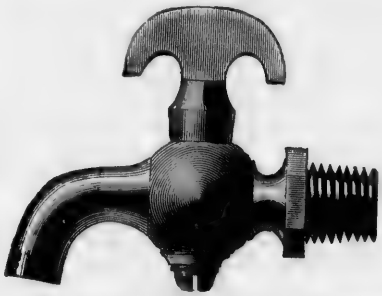


Fig. 57.

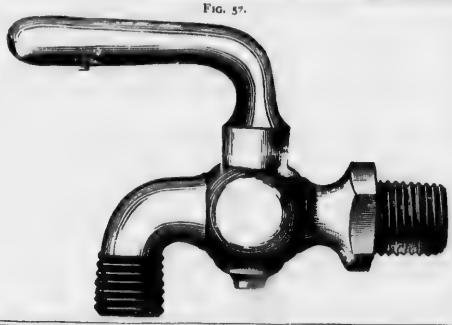


Figure.	Size	¼	⅜	½
56	T Handle, Bent Nose, Plain, Screwed for Iron Pipe	$ 0 90	1 10	1 20
57	Lever Handle, Bent Nose, Screwed Both Ends, for Iron Pipe	1 10	1 25	1 35

COMPRESSION AIR VALVES

SCREWED FOR IRON PIPE.

Fig. 58.
ROUND HANDLE.

Fig. 59
T HANDLE.

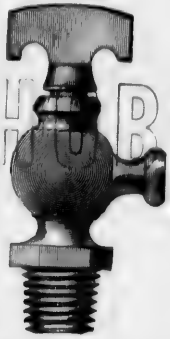


Fig. 60.
SQUARE HANDLE.

Screwed for ⅛ and ¼ inch Pipe.

Figure	61	62	63
Each, Rough	$0 50	50	50
Each, Finished	55	55	55
Each, Nickel Plated	60	60	60

STEAM BIBBS

SCREWED FOR IRON PIPE.

Fig. 61.

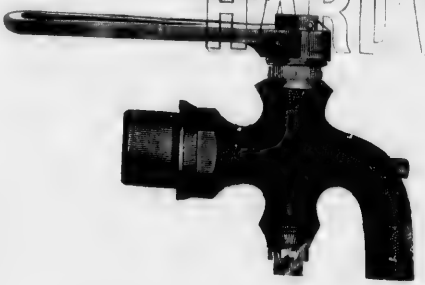


Fig. 62.
WITH FLANGE.

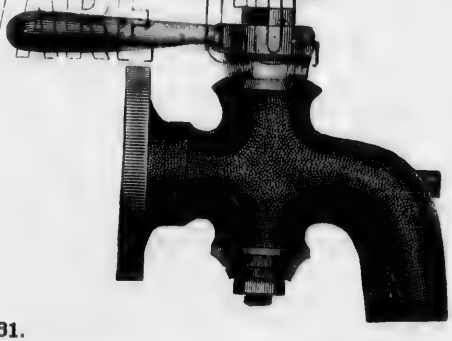


Fig. 61.

Size	¼	⅜	½	⅝	¾	1	1¼	1½
Each	$ 1 00	1 25	1 50	1 75	2 50	3 50	5 00	8 00

Fig. 62.

Size	1	1¼	1½	2	2½	3
Each	$ 5 00	8 00	10 00	20 00	30 00	42 00

HUBBS HARDWARE CO LONDON

STEAM BIBBS

WITH COUPLING ON NOSE.

Fig. 63.

Fig. 64

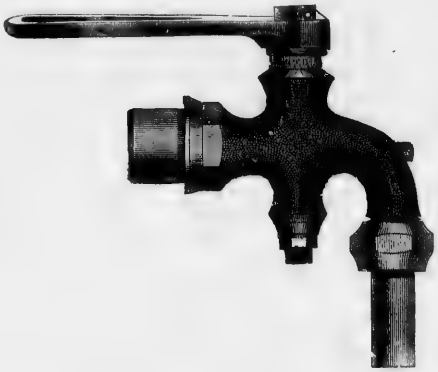


Figure.	Size	¼	⅜	½	⅝	¾	1
63	Each, Finished	$ 1 50	1 75	2 50	2 75	3 50	5 50
64	Each, Rough	1 25	1 50	2 00	2 25	3 00	4 50

STEAM STOPS

BENT COUPLING.

Fig 65.

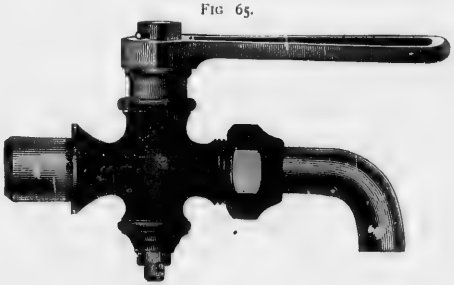


Fig. 65.

Size	¼	⅜	½	⅝	¾	1
Each, Rough	$ 1 50	1 75	2 00	2 50	3 25	5 00
Each, Finished	1 75	2 00	2 50	3 00	3 75	6 00

STEAM STOPS, STRAIGHT

SINGLE COUPLING.

Fig. 66.

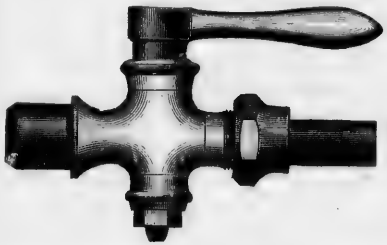


Fig. 67.

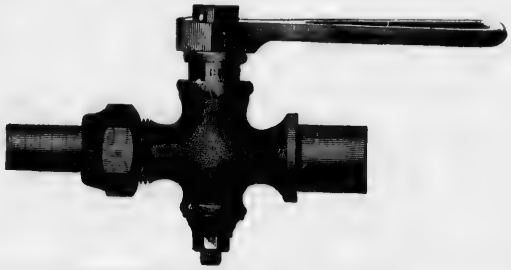


Figure.	Size	¼	⅜	½	⅝	¾	1
66	Each, Finished	$1 75	2 00	2 50	3 00	3 75	6 00
67	Each, Rough	1 50	1 75	2 00	2 50	3 25	5 00

DOUBLE COUPLING.

Fig. 68.

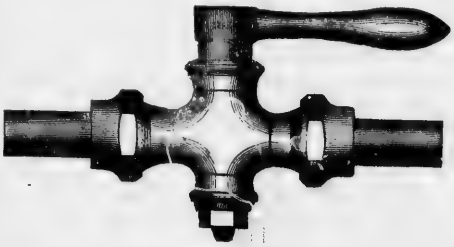


Fig 69.

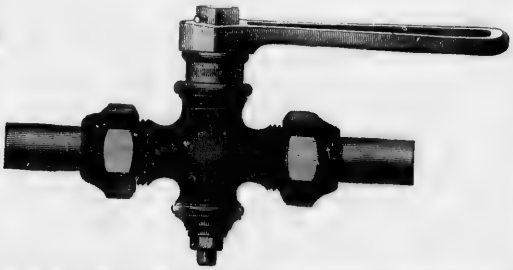


Figure.	Size	¼	⅜	½	⅝	¾	1
68	Each, Finished	$2 00	2 25	3 00	3 50	4 25	7 00
69	Each, Rough	1 75	2 00	2 50	3 00	3 75	6 00

STEAM GAUGE STOPS.

SCREWED FOR IRON PIPE.

Fig. 70.

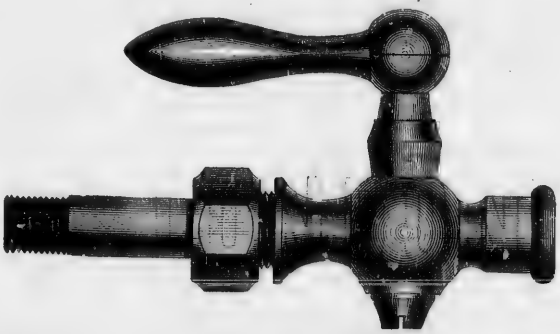


Fig. 70 Without Coupling, size ¼ inch, ... each $0.90

Fig. 70 With Coupling, size ¼ inch ..... each, $1.90

"REGESTER'S PATENT" GAUGE COCKS

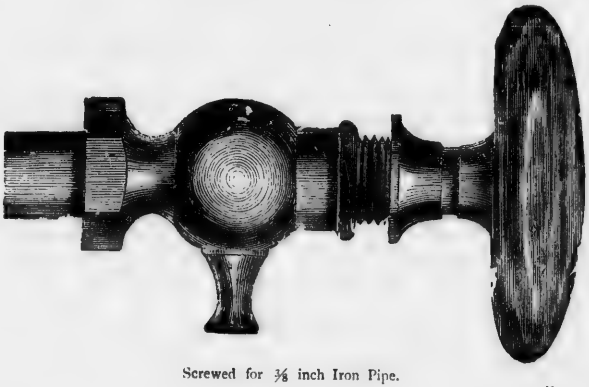
FIG. 71.

Each	$1 75

GAUGE COCKS, COMPRESSION.

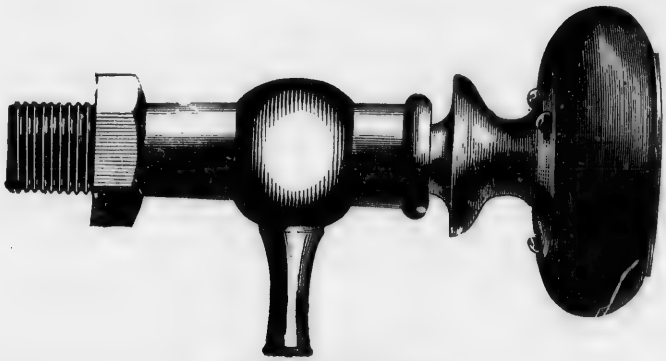
WOOD HANDLE, FULL SIZE.

FIG. 72.



Screwed for ⅜ inch Iron Pipe.

FIG. 73.



Screwed for ½ inch Iron Pipe.

Figure	77	78
Size	⅜	½
Each	$ 0 80	1 00

GAUGE COCKS, COMPRESSION

WOOD HANDLE.

Fig. 74.

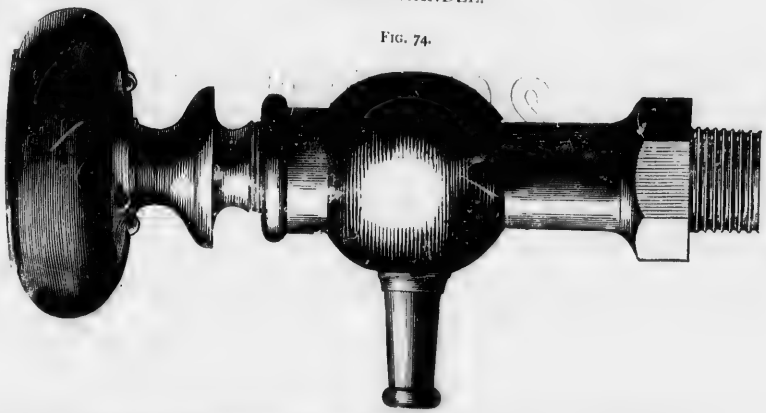


Fig. 74	Screwed for ½ inch Iron Pipe	each, $1 50

WOOD HANDLE AND STUFFING BOX.

Fig. 75.

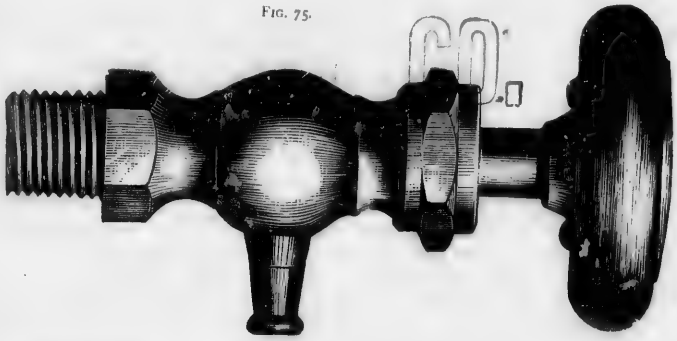
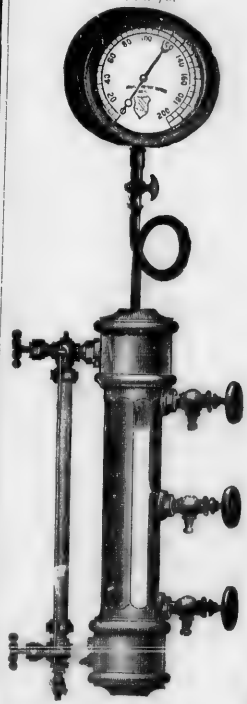


Fig	Size—Screwed for Iron Pipe	⅜	½
75	Each	$1 10	1 15

Fig. 76.



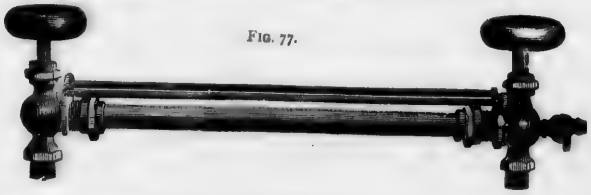
STEAM AND WATER GAUGE COLUMNS

Number	1	2
Each, Complete	$15 00	20 00
Each, Column only Tapped	4 00	5 00

WATER GAUGES, COMPRESSION, ROUGH.

IRON WHEELS, TWO GUARDS, WITH GLASS AND RUBBERS.

FIG. 77.

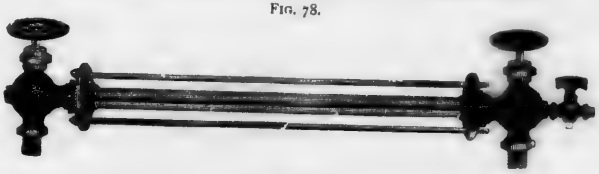


No. 1.

Size, Screwed for Iron Pipe	⅜	½
Per Set	$3 20	3 20

IRON WHEELS, THREE GUARDS, WITH GLASS AND RUBBERS.

FIG. 78.



No. 2.

Size, Screwed for Iron Pipe	⅜	½
Per Set	$4 00	4 00

No. 3.

POLISHED HEXAGON BODY, THREE GUARDS, IRON WHEELS, GLASS AND RUBBERS.

Size, Screwed for Iron Pipe	⅜	½
Per Set	$4 80	4 80

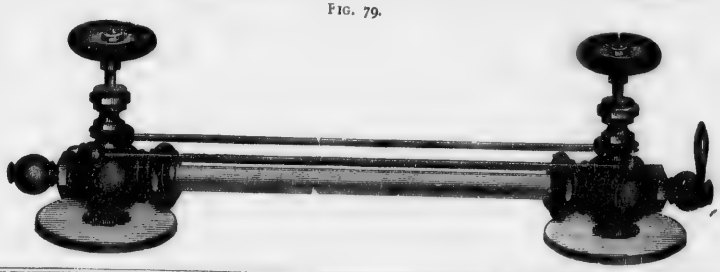
No. 4.

EXTRA HEAVY, POLISHED BODY, FOUR GUARDS, WOOD HANDLES, WITH GLASS AND RUBBERS.

Size	½	¾
Per Set	$10 80	11 00

WITH FLANGES AND LEVER HANDLE COCKS, FOUR GUARDS, GLASS AND RUBBERS.

FIG. 79.



Numbers	5	6	7
Per Set	$11 00	14 30	17 60

PLAIN BRASS OIL CUPS

SCREWED FOR IRON PIPE.

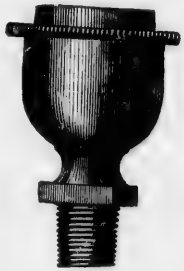
Fig. 80.

Size, ¾ inch diameter.
Screwed ⅛ inch.

Fig. 81.

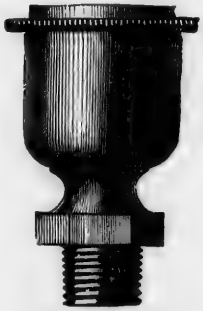
Size, ⅞ inch diameter.
Screwed ⅛ inch.

Fig. 82.



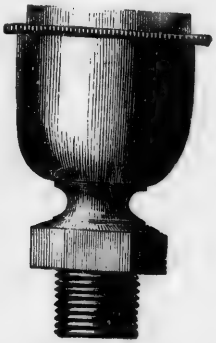
Size, 1 inch diameter.
Screwed ¼ inch.

Fig. 83.



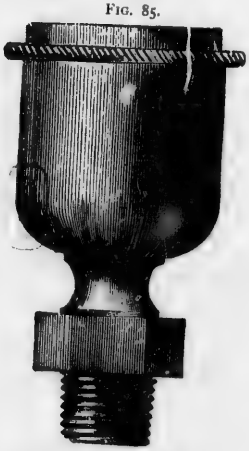
Size, 1⅛ inch diameter.
Screwed ¼ inch.

Fig. 84.



Size, 1¼ inch diameter.
Screwed ¼ inch.

Fig. 85.



Size, 1½ inch diameter.
Screwed ⅜ inch.

Diameter	⅝	¾	⅞	1	1⅛	1¼	1½	1¾	2	2¼	2½	2¾	3
Screwed on Shank for	⅛	⅛	⅛	¼	¼	¼	⅜	⅜	⅜	½	½	½	½
Each	$0 25	.30	35	.40	.50	60	.90	1 25	1 75	2 25	2 75	3 50	4 50

WITH SPRING TAPS.

Diameter	1¼	1½	1¾	2	2¼	2½	3
Screwed on Shank for	¼	⅜	⅜	⅜	½	½	½
Each	1 00	1 25	1 60	2 80			

GLASS OIL CUPS

Fig. 86—BRASS SHELL.

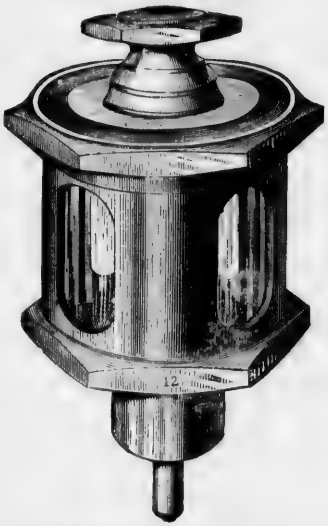


Fig. 87—WITH GUARDS.

Figs. 86 and 87.

Diameter and Length of Glass	1 x 1	1¼ x 1¼	1⅝ x 1½	1¾ x 1⅞	2¼ x 2	3 x 2⅝
Each	$1 55	1 90	2 40	2 80	3 50	6 50
Each, Nickel Plated	1 80	2 20	2 90	3 30	4 10	7 25

OIL CUPS, WITH COCK.

Fig. 88.

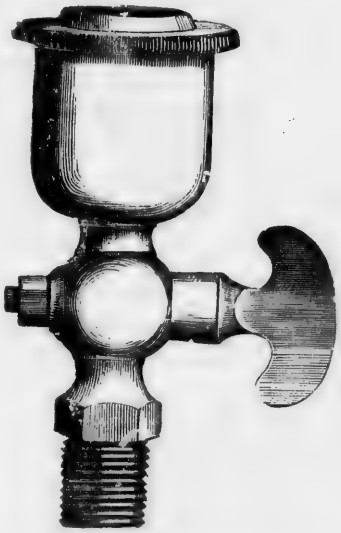
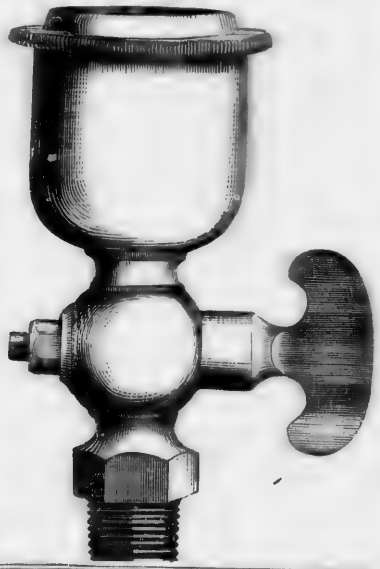


Fig. 89.



Figs. 88 and 89.

Size	1	1⅛	1¼	1⅜	1¾	2	2¼	2½	3
Each	$1 00	1 25	1 50	2 00	2 50	3 00	3 75	4 50	6 00

RESERVOIR

OR CYLINDER LUBRICATORS.

FIG. 91.

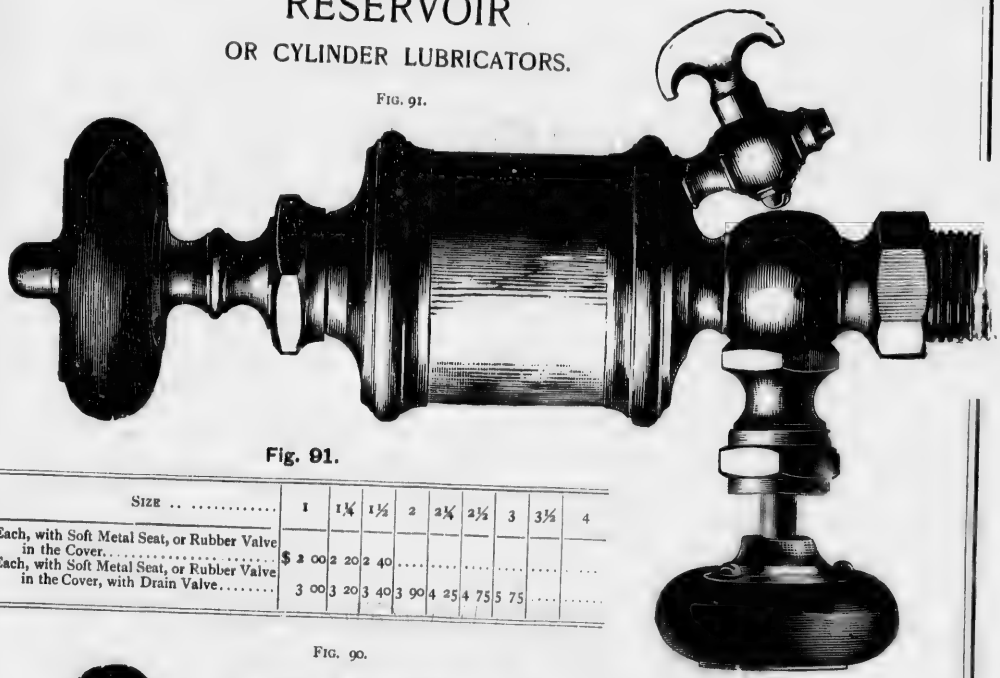


Fig. 91.

SIZE	1	1¼	1½	2	2¼	2½	3	3½	4
Each, with Soft Metal Seat, or Rubber Valve in the Cover	$ 2 00	2 20	2 40	....	....	....	....	....	....
Each, with Soft Metal Seat, or Rubber Valve in the Cover, with Drain Valve	3 00	3 20	3 40	3 90	4 25	4 75	5 75	....	....

FIG. 90.

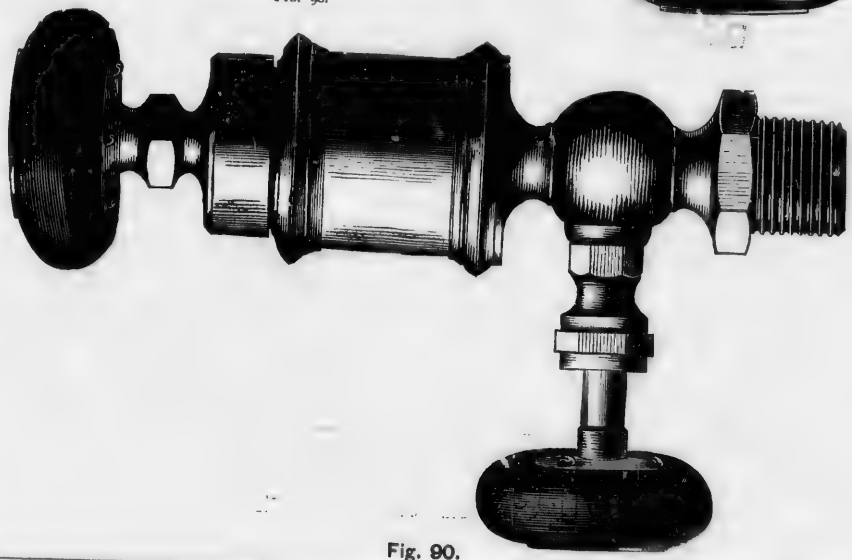


Fig. 90.

SIZE	1	1¼	1½	2	2¼	2½	3	3½	4
Each, Ground Valve	$ 2 25	2 50	2 75	3 25	3 75	4 25	5 50	8 00	11 00
Each, Ground Valve, with Pet Cock and Tube	3 25	3 50	3 75	4 25	4 75	5 25	6 50	9 00	12 00

STEAM WHISTLES

Fig. 92.

Fig. 93.

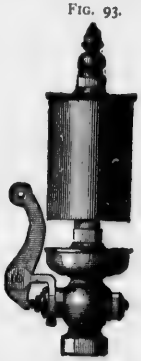


Fig. 94.

Fig. 92—WITHOUT VALVE.

Diameter of Bell	1¼	1½	2	2½	3	3½	4	5	6	8
or Iron Pipe	½	½	½	¾	¾	1	1	1½	2	2
Each	$2 00	2 50	3 25	4 50	6 00	8 50	11 00	18 00	24 00	65 00

Figs. 93 and 94—WITH VALVE.

Diameter of Bell	1¼	1½	2	2½	3	3½	4	5	6
For Iron Pipe	½	½	½	¾	¾	1	1	1½	2
Each	$3 75	4 00	4 75	6 50	8 00	11 00	14 00	22 00	30 00

GONG BELLS

Fig. 95.

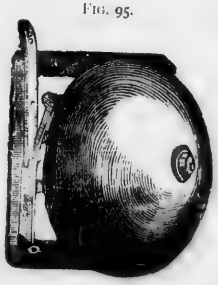
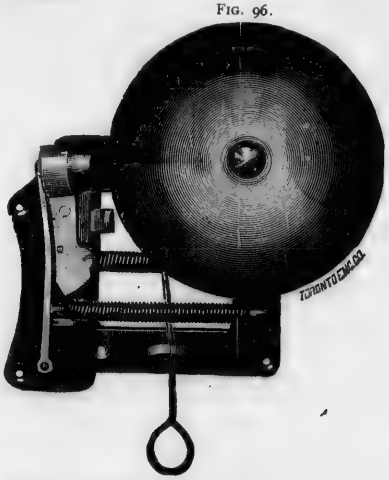


Fig. 96.



Size	3	4	5	6	8	10	12	14
Each	$2 25	2 75	3 25	3 90	6 75	9 00	15 00	23 00

BELL PULLS

Fig. 97.

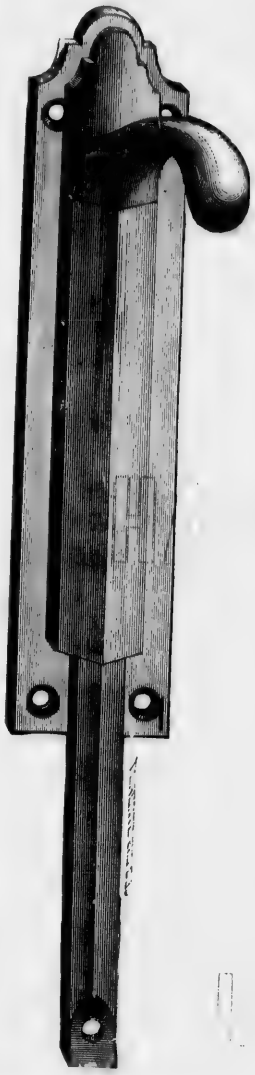


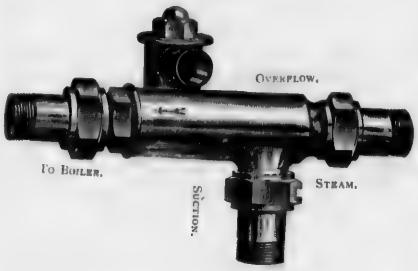
Fig. 99.

Fig. 98.

Figures	97	98	99
Each	$0 85	1 75	2 25

IMPROVED MICHIGAN AUTOMATIC INJECTOR

Fig. 100.



These Injectors are particularly adapted for Traction Engines, Marine Engines, and all other Engines subject to severe jarring. For Example—The Traction Engine on the road is subject to severe jars, and the hose or suction pipe is often drawn out of the water, thereby stopping Injector from delivering. When replaced, the Injector starts without the help of the Engineer. This is accomplished by the automatic action of this Injector.

PRICE LIST.

Number of Injector.	Price.	Size of Connection.			Gallon per hour 60 lbs. pressure with 4 ft. lift.	Horse Power.
		Suction.	Feed.	Steam.		
No. 1	$16	⅜	⅜	⅜	60	7½ tons of water required per hour per nominal horse power.
" 2	18	½	½	½	85	
" 3	20	½	½	½	120	
" 4	25	¾	¾	¾	220	
" 5	30	¾	¾	¾	300	
" 6	40	1	1	1	430	
" 7	45	1	1	1	540	
" 8	55	1¼	1¼	1¼	700	
" 9	60	1¼	1¼	1¼	900	
" 10	75	1½	1½	1½	1260	
" 11	90	1½	1½	1½	1740	
" 12	110	2	2	2	2230	
" 13	125	2	2	2	2820	
" 14	150	2½	2½	2½	3480	

35 pounds of steam will lift water 4 to 10 feet, and deliver to boiler at temperature 140° Fahrenheit.

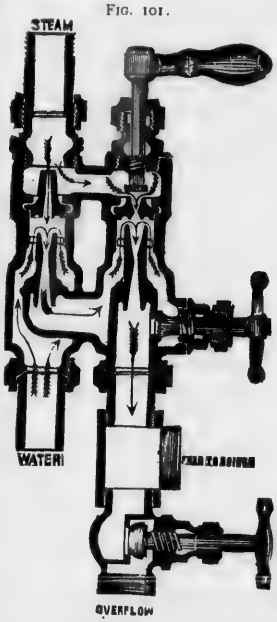
40 pounds of steam will lift water 10 to 17 feet, and deliver to boiler at temperature 165° Fahrenheit.

50 pounds of steam will lift water 17 to 20 feet, and deliver to boiler at temperature 170° Fahrenheit.

[illegible] pounds of steam will lift water 20 to 25 feet, and deliver to boiler at temperature 180° Fahrenheit.

THE UNION INJECTOR

Fig. 101.



It differs materially in its construction from many other Injectors, inasmuch as it has one set of tubes for lifting and another set of tubes for forcing water—a combination entirely new, reliable and efficient.

There being no moveable parts in internal construction, it is not liable to get out of order; requires no oiling or adjusting to the varying steam pressures or lifts—and is always ready to start at a moment's notice.

Water can be delivered at a high or low temperature, as may be desired.

No adjustment is required for varying steam pressures; ALL SIZES will lift water 25 feet, working as well on a 25 feet lift as on a low lift.

Each Injector is carefully tested before leaving the manufactory, and is guaranteed to perform all that is claimed for it here, it being attached and operated according to the printed directions that accompany each machine.

PRICE LIST.

No. of Injector.	Suction and Feed.	Steam.	Gallons per hour 60 lbs pressure.	Horse Power.	Price.
No. 7½	⅜ in.	⅜ in.	60	8	$ 18
" 8¾	½ "	⅜ "	90	12	20
" 10	½ "	⅜ "	120	16	24
" 12½	¾ "	½ "	220	30	30
" 15	¾ "	½ "	300	40	35
" 17½	1 "	¾ "	420	56	45
" 20	1 "	¾ "	540	72	50
" 22½	1¼ "	1 "	720	96	55
" 25	1¼ "	1 "	900	120	60
" 30	1½ "	1¼ "	1260	168	75
" 35	1½ "	1¼ "	1740	230	90
" 40	2 "	1½ "	2230	298	110
" 45	2 "	1½ "	2820	376	125
" 50	2½ "	2 "	3480	464	150
" 55	2½ "	2 "	3600	600	175

The capacity of these machines is estimated with a four-foot lift and 60 lbs. steam. With a greater lift the capacity will be proportionately reduced.

OIL PUMPS

Fig. 102.

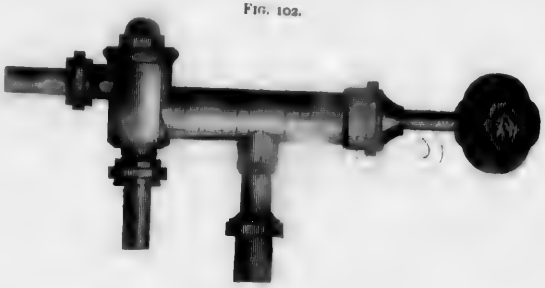
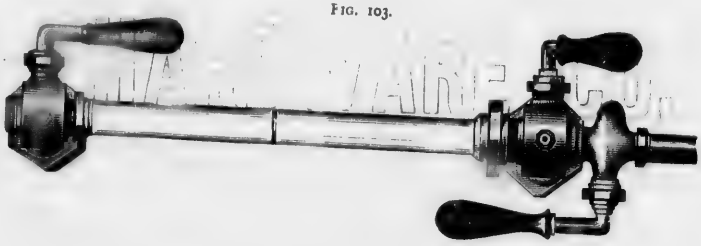


Figure	102
Each	$10 00

GAUGE GLASSES

Fig. 103.



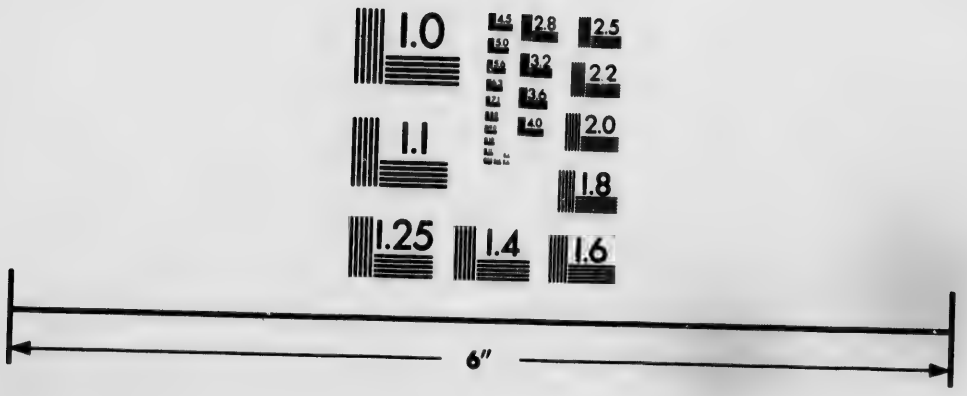
PATENT RED REFLECTING GAUGE GLASSES.

Diameter	½	9/16 & ⅝	¾	Diameter	½	9/16 & ⅝	¾
10 inches long, per dozen	$4 10	4 20	4 90	16 inches long, per dozen	$5 00	5 30	6 70
12 " per dozen	4 20	4 30	5 10	18 " per dozen	5 60	5 90	7 60
14 " per dozen	4 50	4 80	5 90	20 " per dozen	.....	6 50	8 50
15 " per dozen	4 80	5 00	6 40	24 " per dozen	.....	7 60	10 00

SCOTCH GAUGE GLASSES.

Diameter	½	⅝	¾	Diameter	½	⅝	¾
10 inches long, per dozen	$3 60	3 60	4 20	16 inches long, per dozen	$4 25	4 25	5 40
12 " per dozen	3 60	3 60	4 80	18 " per dozen	.....	4 80	6 00
14 " per dozen	4 00	4 00	4 80	20 " per dozen	.....	6 00	7 20
15 " per dozen	4 00	4 00	5 40	24 " per dozen	.....	7 [illegible]	8 40

IMAGE EVALUATION
TEST TARGET (MT-3)



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1.0
2.8
3.2
2.5
2.2
2.0
1.8
1.6
1.1
1.0

PLUMBERS' BRASS WORK

COMPRESSION PLAIN BIBBS.

Fig. 200.

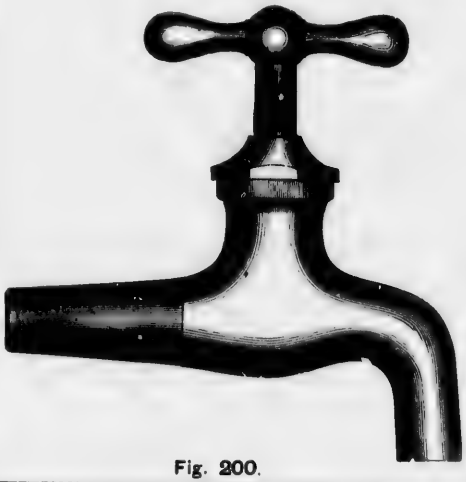
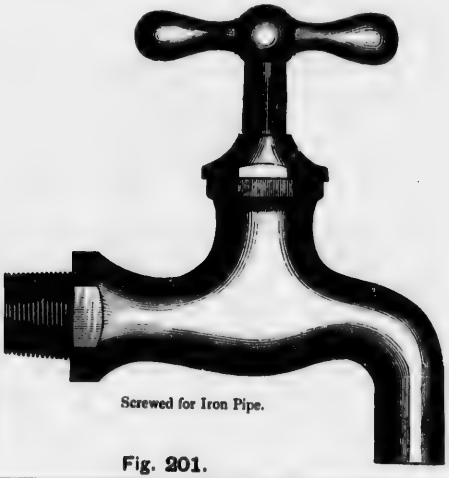


Fig. 200.

Fig. 201.



Screwed for Iron Pipe.

Fig. 201.

Size	3/8	1/2	5/8	3/4	1
Rough.....per dozen	$ 8 50	9 50	11 00	17 00	30 00
Finished..... "	9 00	10 00	12 00	18 00	34 00
Nickel Plated.. "	11 00	12 50	14 50	20 50	37 00
Silver Plated . "	17 00	19 00	24 00	33 00	60 00

Size.....	3/8	1/2	5/8	3/4	1
Rough.....per dozen	$ 9 50	10 50	12 00	19 00	33 00
Finished..... "	10 00	11 00	13 00	20 00	37 00
Nickel Plated.. "	12 00	13 50	15 50	22 50	40 00
Silver Plated .. "	18 00	20 00	25 00	35 00	63 00

COMPRESSION HOSE BIBBS.

Fig. 202.

Screwed for Iron Pipe.

Fig. 202

COMPRESSION BATH BIBBS.

Fig. 203.

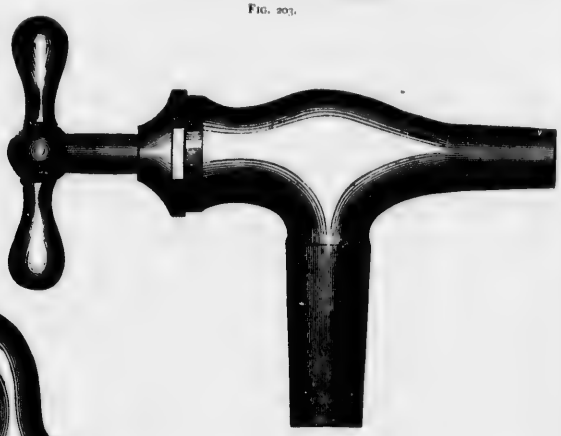


Fig. 203

Size	3/8	1/2	5/8	3/4	1
Rough.. .....per dozen	$10 50	11 50	13 00	21 00	36 00
Finished ..... "	11 00	12 00	14 00	22 00	40 00
Nickel Plated.. "	13 00	14 50	16 50	24 50	43 00
Silver Plated . "	19 00	21 00	26 00	37 00	66 00

Size.....	1/2	5/8	3/4
Finished .. ..per dozen	$14 00	17 00	26 00
Nickel Plated..... "	16 50	19 50	28 50
Silver Plated ... . "	23 00	29 00	41 00

COMPRESSION BATH BIBBS.

FLANGE NUT AND BENT COUPLING.

Fig. 204.

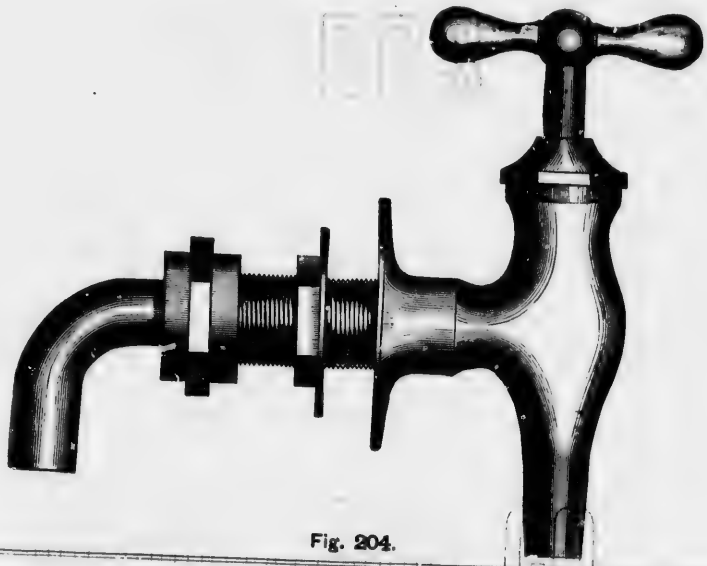
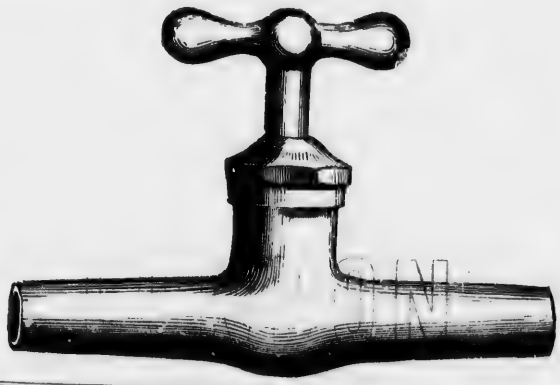


Fig. 204.

Size		½	⅝	¾
Finished	per dozen	$29 00	37 00	52 00
Nickel Plated	per dozen	32 50	40 50	57 00
Silver Plated	per dozen	41 00	52 00	71 00

COMPRESSION STOPS

Fig. 205.



Size		⅜	½	⅝	¾	1
Rough	per dozen	$ 9 50	10 50	12 00	18 50	32 00
Finished	per dozen	10 00	11 00	13 00	19 50	36 00
Nickel Plated	per dozen	12 00	13 50	15 50	22 00	39 00
Silver Plated	per dozen	18 00	20 00	25 00	34 50	62 00
Add to regular list for Stuffing Box	per dozen	$2 00	2 00	2 00	3 00	4 00

COMPRESSION STOPS

Fig. 206.

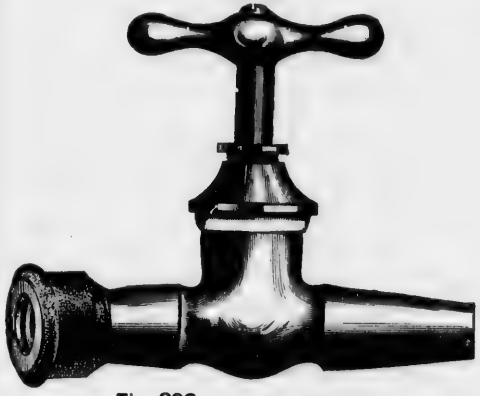


Fig. 206 FOR LEAD AND IRON PIPE.

Size	⅜	½	⅝	¾	1
Rough ..... per dozen	$10 00	11 00	13 00	19 50	33 50
Finished..... "	10 50	11 50	14 00	20 50	37 50
Nickel Plated.. "	12 50	14 00	16 50	23 00	40 00
Silver Plated. "	18 50	20 50	26 00	35 50	63 00

Fig. 207.

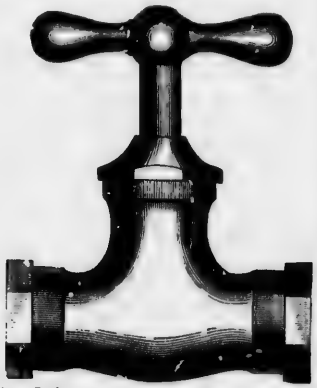
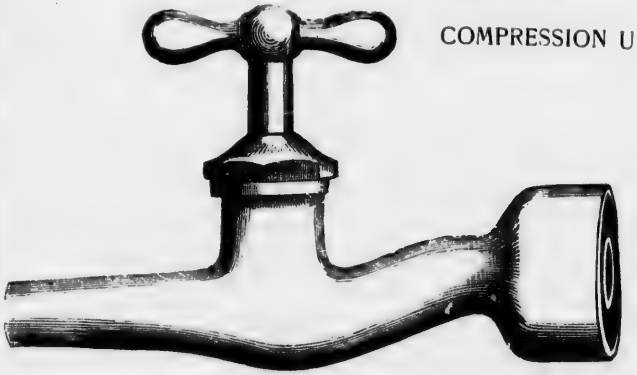


Fig. 207 FOR IRON PIPE.

Size	⅜	½	⅝	¾	1
Rough ..... per dozen	$10 50	11 50	14 00	20 50	35 00
Finished..... "	11 00	12 00	15 00	21 50	39 00
Nickel Plated.. "	13 00	14 50	17 50	24 00	42 00
Silver Plated... "	19 00	21 00	27 00	36 50	65 00

Fig. 208.

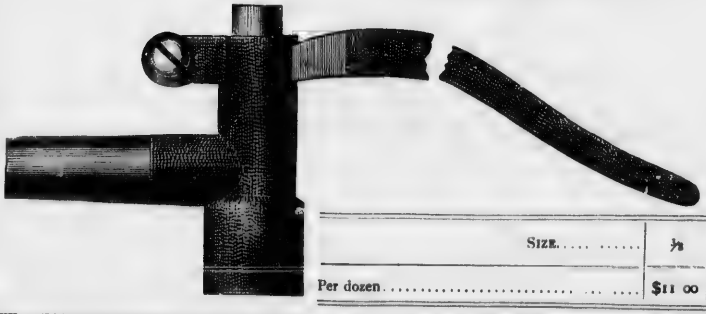


COMPRESSION URINAL STOPS

Fig. 208.

Size.....	⅜	½	⅝
Finished, per dozen	$17 00	18 00	20 00
Nickel Plated "	20 00	21 00	23 00
Silver Plate "	26 00	28 00	33 00

Fig. 209.

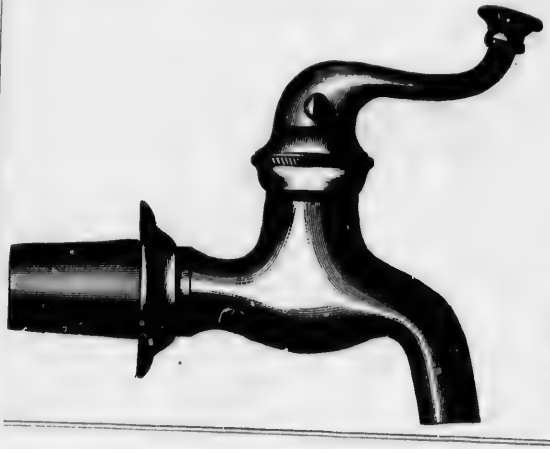


LAMBERT BALL COCKS

Fig. 209.

Size.....	⅜	½	⅝	¾	1
Per dozen.....	$11 00	12 00	14 00	20 00	34 00

Fig. 210.



SELF-CLOSING

COOLER COCKS

FOR LEAD PIPE.

Fig. 210—WITH FLANGE AND THIMBLE

Size.		3/8	1/2	5/8
Finished.....	per dozen	$14 00	16 00	19 00
Nickel Plated	"	16 00	18 50	21 50
Silver Plated	"	22 00	25 00	31 00

Fig. 210—FOR LEAD PIPE.

Size.....		3/8	1/2	5/8	3/4
Finished.....	Per dozen	$12 00	14 00	17 00	26 00
Nickel Plated	"	14 00	16 50	19 50	28 50
Silver Plated	"	20 00	23 00	29 00	41 00

DOUBLE COMPRESSION BATH COCKS.

Fig 211.

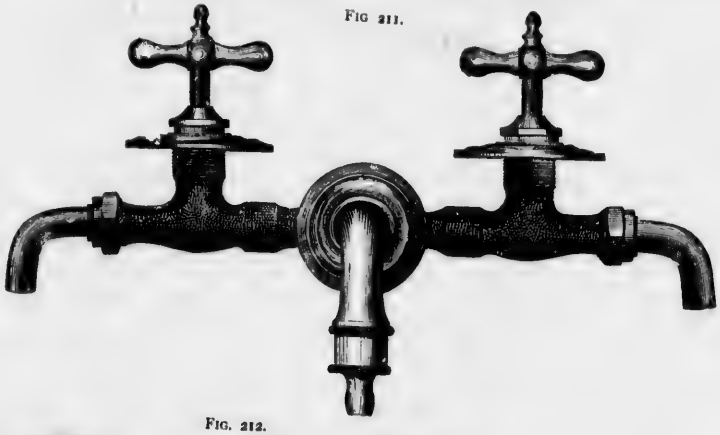
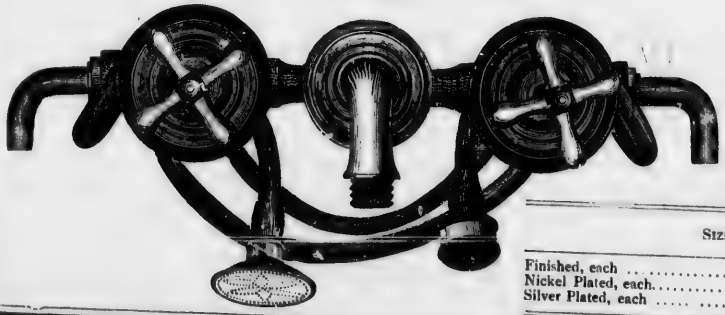


Fig. 212.



Figs. 211 and 212.

Size.....	1/2	5/8
Finished, each	$6 50	7 00
Nickel Plated, each.....	7 00	7 50
Silver Plated, each	8 50	9 00

COMPRESSION PANTRY COCKS

FIG. 214.

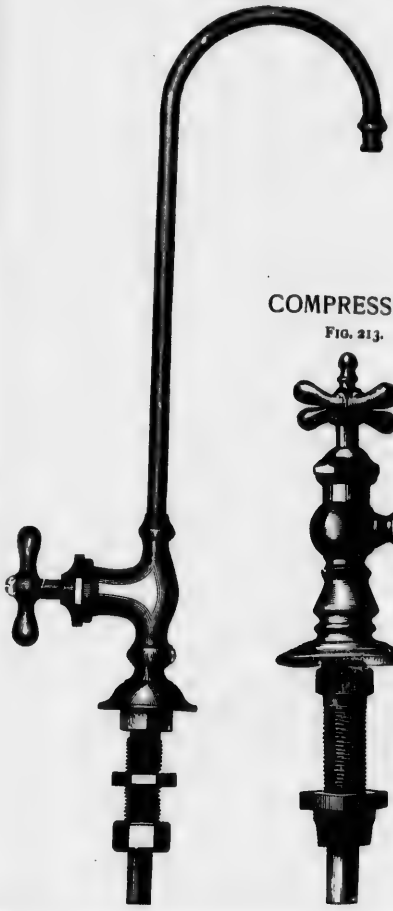
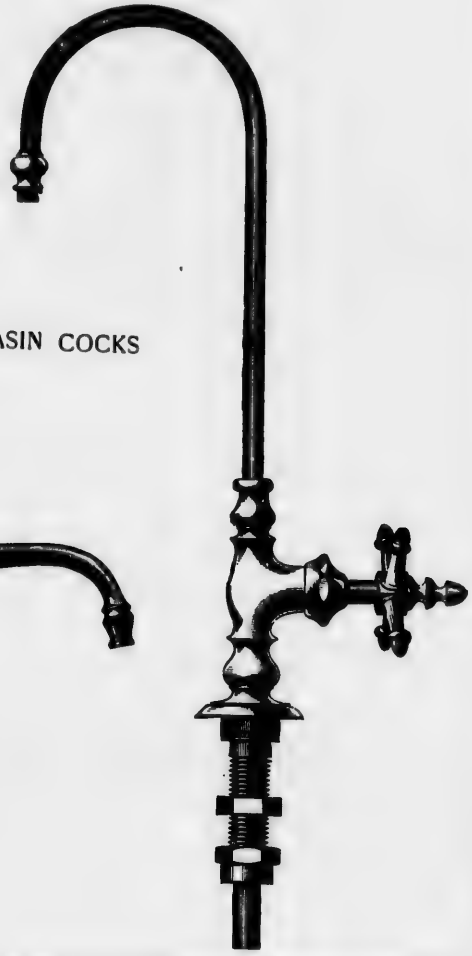


FIG. 215.



COMPRESSION BASIN COCKS

FIG. 213.

FIGURE		213
T. H. Brass	per dozen	$24 00
T. H. Nickel Plated	per dozen	28 00
T. H. Silver Plated	per dozen	38 00
X. H. Brass	per dozen	26 00
X. H. Nickel Plated	per dozen	30 00
X. H. Silver Plated	per dozen	40 00

Figs. 214 and 215.

T. H. Finished	per dozen	$34 00
X. H. Finished	per dozen	36 00
T. H. Nickel Plated	per dozen	38 00
X. H. Nickel Plated	per dozen	40 00
T. H. Silver Plated	per dozen	49 00
X. H. Silver Plated	per dozen	51 00

Figs. 214 and 215—WITH HOSE END.

T. H. Finished	per dozen	$37 00
X. H. Finished	per dozen	39 00
T. H. Nickel Plated	per dozen	41 00
X. H. Nickel Plated	per dozen	43 00
T. H. Silver Plated	per dozen	52 00
X. H. Silver Plated	per dozen	54 00

PLAIN BIBBS

Fig. 216.

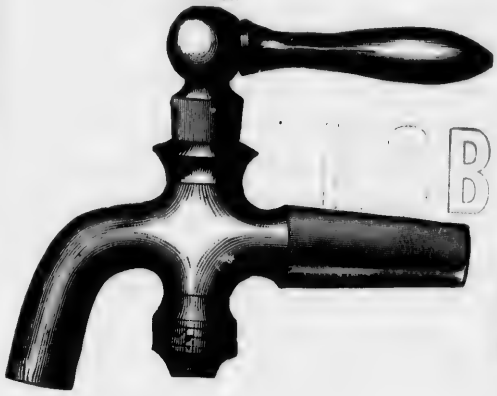


Fig. 216.

Fig. 217.

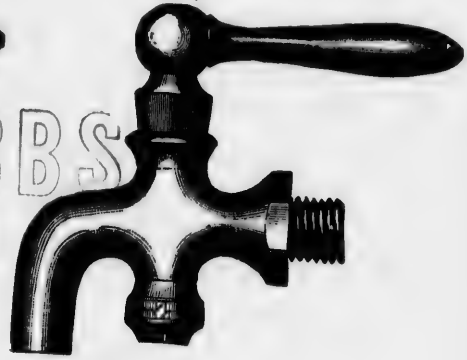


Fig. 217—SCREWED FOR IRON PIPE.

Size	⅜	½	⅝	¾	1	1¼	1½
Rough.....per dozen	$11 00	14 00	16 00	21 00	32 00	52 00	72 00
Finished..... "	12 00	15 00	18 00	24 00	36 00	60 00	84 00
Nickel Plated.. "	14 00	17 50	20 50	26 50	39 00	.....	.....
Silver Plated.. "	20 00	24 00	30 00	39 00	62 00	.....	.....

Size	⅜	½	⅝	¾	1	1¼	1½	2
Rough.....per dozen	$12 00	15 00	17 00	23 00	35 00	56 00	78 00	160 00
Finished.... "	13 00	16 00	19 00	26 00	39 00	64 00	90 00	180 00
Nickel Plated. "	15 00	18 50	21 50	28 50	42 00	.....	.....	.....
Silver Plated "	21 00	25 00	31 00	41 00	65 00	.....	.....	.....

HOSE BIBBS

Fig. 218.

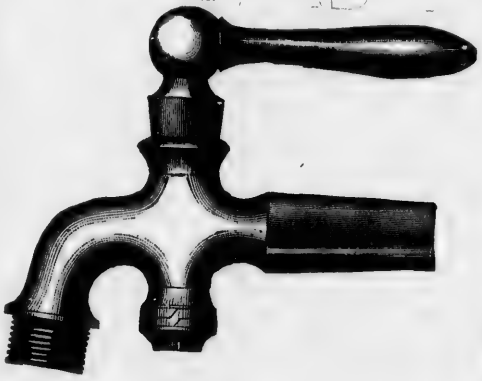


Fig. 218.

Fig. 219.

Fig. 219—SCREWED FOR IRON PIPE.

Size	½	⅝	1	1¼	1½	2
Rough.....per dozen	$15 00	17 00	23 00	35 00	56 00	78 00	160 00
Finished ..... "	16 00	19 00	26 00	39 00	64 00	90 00	180 00
Nickel Plated ... "	18 50	21 50	28 50	42 00	.....	.....	.....
Silver Plate l.... "	25 00	31 00	41 00	65 00	.....	.....	.....

Size	½	⅝	¾	1	1¼	1½	2
Rough.....per dozen	$16 00	18 00	25 00	38 00	60 00	84 00	170 00
Finished..... "	17 00	20 00	28 00	42 00	68 00	96 00	190 00
Nickel Plated.. "	19 50	22 50	30 50	45 00	.....	.....	.....
Silver Plated... "	26 00	32 00	43 00	68 00	.....	.....	.....

CIRCULATING STOPS

Fig. 220.

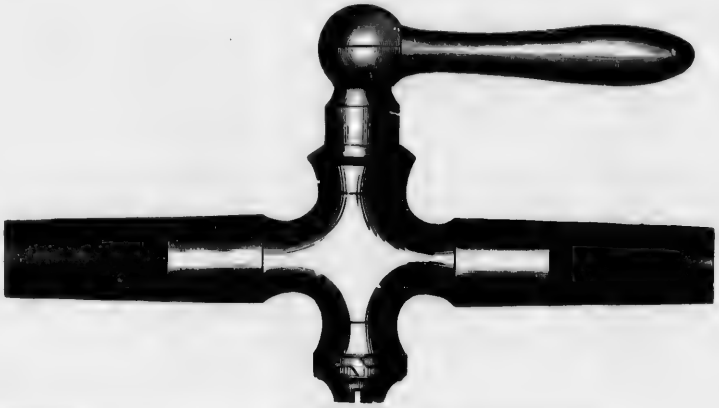


Fig. 220.

Size		½	⅝	¾
Finished	per dozen	$22 00	27 00	36 00
Nickel Plated	per dozen	25 50	30 50	40 00

PLAIN STOPS

Fig. 222.

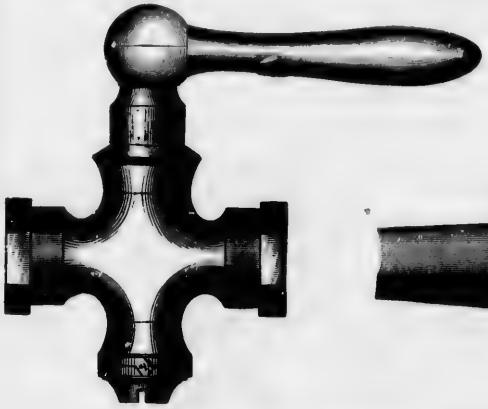


Fig. 221.

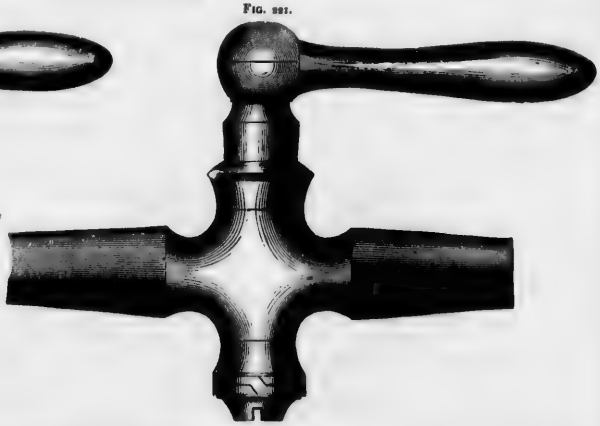


Fig. 221.

Size		⅜	½	⅝	¾	1	1¼	1½	2
Finished	per dozen	$12 50	15 50	18 50	25 00	37 00	62 00	86 00	175 00
Nickel Plated	per dozen	14 50	18 00	21 00	27 50	40 00	.....	.....	.....
Silver Plated	per dozen	20 50	24 50	30 50	40 00	63 00	.....	.....	.....

Fig. 222.

Size—Screwed for Iron Pipe		⅜	½	⅝	¾	1
Finished	per dozen	$13 50	16 50	20 50	27 00	40 00
Nickel Plated	per dozen	15 50	19 00	23 00	29 50	43 00
Silver Plated	per dozen	21 50	25 50	32 50	42 00	66 00

STOP COCKS WITH WASTE ATTACHMENT

Fig. 223.

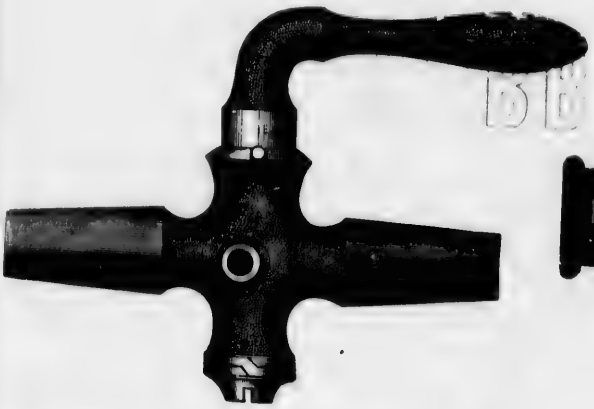


Fig. 224.

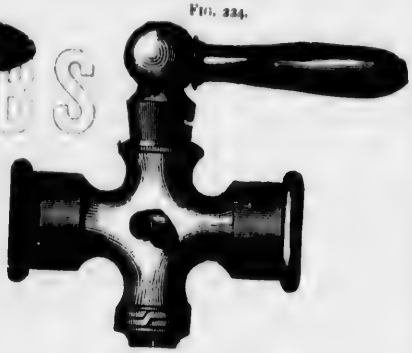


Fig. 223.

Size	⅜	½	⅝	¾	1
Finished ... per dozen	$14 00	17 00	20 00	27 00	40 00
Nickel Plated ... per dozen	16 00	19 50	22 50	29 50	43 00
Silver Plated ... per dozen	22 00	26 00	32 00	42 00	66 00

Fig. 224—SCREWED FOR IRON PIPE.

Size	⅜	½	⅝	¾	1
Finished ... per dozen	$15 00	18 00	22 00	29 00	43 00
Nickel Plated ... per dozen	17 00	20 50	24 50	31 50	46 00
Silver Plated ... per dozen	23 00	27 00	34 00	44 00	69 00

ROUGH STOPS, T HANDLE

Fig. 225.

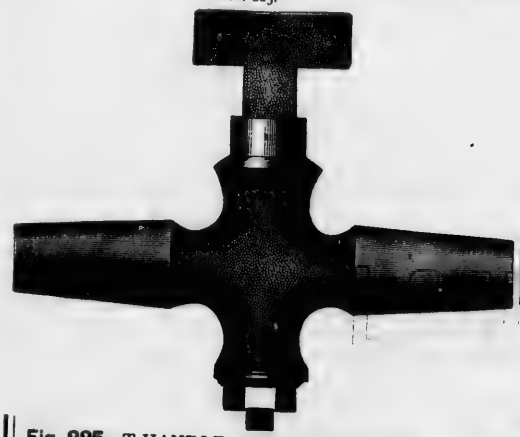


Fig. 226.

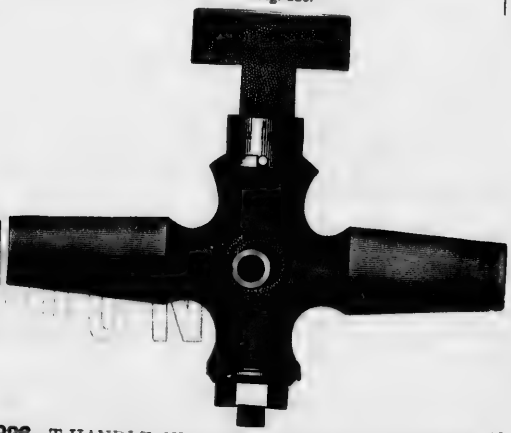


Fig. 225—T HANDLE, NUT AND WASHER.

Size	⅜	½	⅝	¾	1	1¼	1½	2
Per dozen	$9 00	12 00	15 00	19 00	28 00	46 00	64 00	110 00

Fig. 226—T HANDLE, NUT AND WASHER, WITH WASTE

Size	⅜	½	⅝	¾	1	1¼	1½	2
Per dozen	$10 00	13 00	16 00	20 50	30 00	49 00	68 00	120 00

ROUGH STOPS, LEVER HANDLE.

Fig. 227.

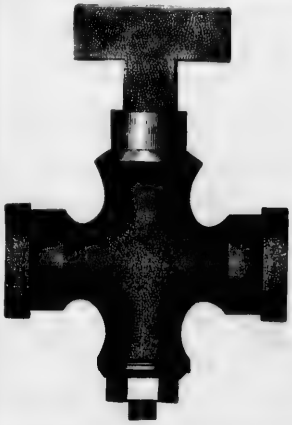
Fig. 227 NUT AND WASHER.

Size	⅜	½	⅝	¾	1	1¼	1½	2
Per dozen	$9 00	12 00	15 00	19 00	28 00	46 00	64 00	110 00

LEVER HANDLE, NUT AND WASHER, WITH WASTE.

Size	⅜	½	⅝	¾	1	1¼	1½	2
Per dozen	$10 00	13 00	16 00	20 50	30 00	49 00	68 00	120 00

Fig. 228.



ROUGH STOPS, T HANDLE.

SCREWED FOR IRON PIPE.

Fig. 229.

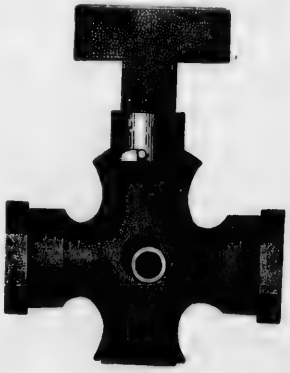


Fig. 228—NUT AND WASHER.

Size	⅜	½	⅝	¾	1	1¼	1½	2
Per dozen	$10 00	13 00	17 00	21 00	31 00	50 00	70 00	120 00

Fig. 229—NUT AND WASHER, WITH WASTE.

Size	⅜	½	⅝	¾	1	1¼	1½	2
Per dozen	$11 00	14 00	18 00	22 50	33 00	53 00	74 00	130 00

ROUGH STOPS, LEVER HANDLE.

FOR IRON PIPE.

Fig. 230.

Fig. 230—NUT AND WASHER.

Fig. 231.

Fig. 231—NUT AND WASHER, WITH WASTE.

Size....	⅜	½	⅝	¾	1	1¼	1½	2
Per dozen ...	$10 00	13 00	17 00	21 00	31 00	50 00	70 00	120 00

Size....	⅜	½	⅝	¾	1	1¼	1½	2
Per dozen..	$11 00	14 00	18 00	22 50	33 00	53 00	74 00	130 00

ROUGH ALE COCKS, WITH COUPLINGS.

Fig. 232.

Fig. 232.

To Drive or Screw, Nut and Washer on Bottom..... .....each, $2 00

Fig. 233.

Fig. 233.

Ale Cock, with Coupling on Side ....each, $2 50

ALE COOLER COCKS

Fig. 234.

Size, inches long	14	16
Each, Finished	$4 50	5 00

BEER PUMPS

Fig. 235.

LAGER AIR PUMPS

Fig. 236.

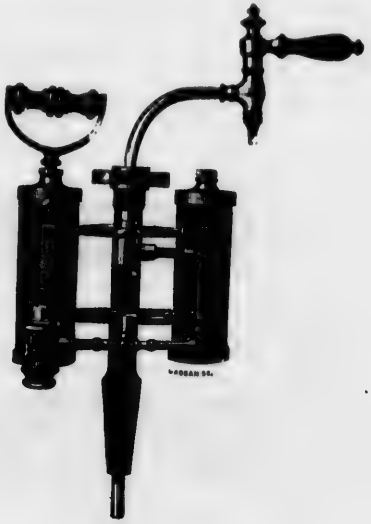


Fig. 235.

Each	$6 50

Fig. 236.

Each	$18 00

COUNTER COCKS

FIG. 238 LEVER HANDLE.

FIG. 238—T HANDLE, OCTAGON.

Fig. 238—ROUND.

Finished	each	$2 50
Nickel Plated	each	2 85
Silver Plated	each	3 70

Fig. 238—OCTAGON, WITH T OR LEVER HANDLE.

Finished	each	$2 85
Nickel Plated	each	3 20
Silver Plated	each	4 00

BASIN COCKS

FIG. 239.

No. 1.

FIG. 240.

No. 2.

FIG. 241.

No. 3.

Fig. 242.

No. 4.

No.		1	2	3	4
Finished	per doz.	$18 00	22 00	26 00	30 00
Nickel Plated	"	21 00	26 00	30 00	36 00
Silver Plated	"	27 00	34 00	38 00	44 00

RUBBER FORCE CUP.

Fig. 243.

Fig. 243.

BASIN PLUGS.

Fig. 244.

Fig. 244.

BASIN PLUGS—PATENT OVERFLOW.

Fig. 245.

Fig. 245.

Each	$ 1 00	Finished	per dozen	$ 8 00	Finished	per dozen $ 9 00
		Nickel Plated	per dozen	8 50	Nickel Plated	per dozen 9 50
		Silver Plated	per dozen	10 00	Silver Plated	per dozen 11 00

SINK, OR BATH PLUGS.

Fig. 246.

Fig. 246.

TRAP SCREWS.

Fig. 247.

Fig. 247.

Size	1	1¼	1½	2	2¼	2½	3	4
Finished per dozen	$2 50	3 00	4 00	7 00	10 00	15 00	18 00	36 00
Nickel Plated per dozen	3 00	3 50	4 50	8 00	12 00	17 00	22 00	40 00

Size	1	1¼	1½	2	2½	3	3½	4
Per dozen	$3 00	3 50	4 50	8 00	12 00	18 00	26 00	30 00

WATER BACK COUPLINGS.

Fig. 248.

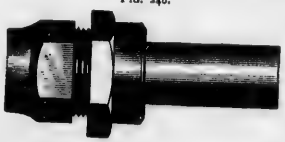


Fig. 248—STRAIGHT.

Fig. 249.

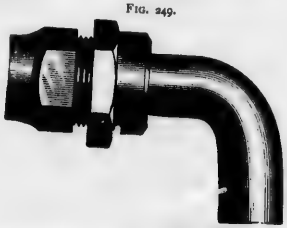


Fig. 249—BENT.

Size	½	¾	1
Ground Face per dozen	$7 50	8 00	11 50

Size	½	¾	1
Ground Face per dozen	$8 50	9 00	12 50

PLAIN COUPLINGS.

Fig. 250.

Fig. 250.

HOSE COUPLINCS.

Fig. 251.

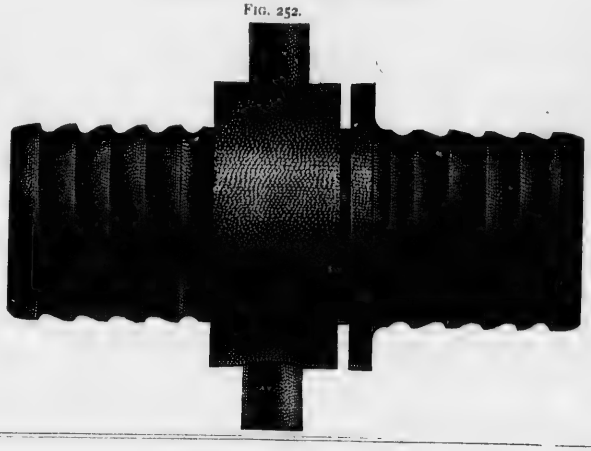
Fig. 251.

Size	¼	⅜	½	⅝	¾	1	1¼	1½	2
Ground Face, per doz	$4 00	4 50	5 00	6 50	8 00	12 00	18 00	24 00	36 00

Size	½	¾	1	1¼	1½	2	2½
Per doz.	$2 40	2 40	4 40	10 00	14 00	24 00	.....
" for Iron Pipe	2 65	2 65	4 65	10 50	15 00	26 00	.....
With Lugs per dozen						30 00	48 00
With Lugs for Iron Pipe "						32 00	50 00

HOSE COUPLINGS

FIG. 252.



Size	2	2½
Per dozen	$60 00	72 00

HOSE PIPES

FIG. 253.

Fig. 253.—WITH COCK.

FIG. 254.

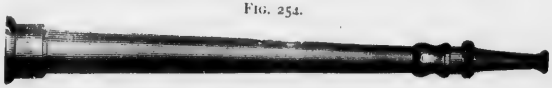


Fig. 254.

Size	¾	1
Length	7 in.	9 in.
Per dozen	$13 00	20 00

Size	1¼	1½	2
Length	15 in	15 in.	20 in.
Per dozen	$24 00	30 00	50 00

SPRAY NOZZLES

MAGIC.

FIG. 255.

LOWELL.

FIG. 256.

Fig. 255.

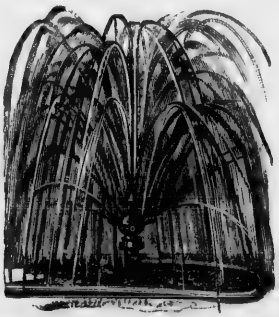
Size	¾
Per dozen	$18 00

Fig. 256.

Size	¾
Per dozen	$18 00

EUREKA REVOLVING SPRINKLER

Fig. 257

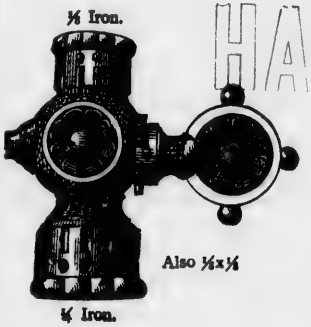


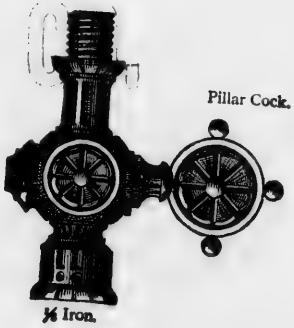
Price, ¾ inch, with rod, $18.00 per dozen.

GAS FITTINGS

ELBOW BURNER COCKS.

PILLAR COCKS.





ELBOW BURNER COCKS.

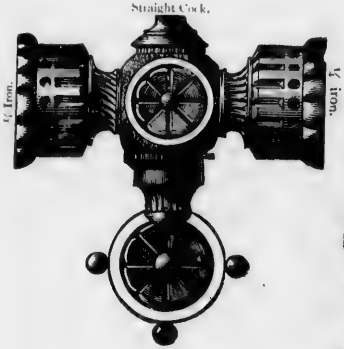
Size	⅛	¼	⅜	½
Per dozen	$4 50	5 25	6 00	7 00
Per dozen, Extra Heavy	.....	7 50	8 50	9 00
Per dozen, 4 inches long	.	8 00	8 00	.....

PILLAR COCKS.

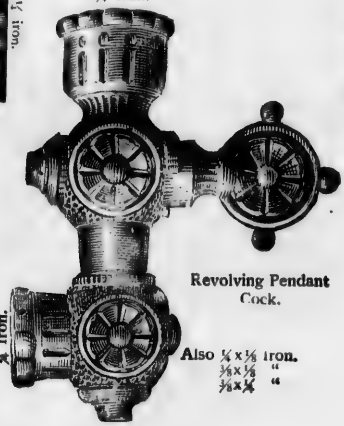
Size	⅛	¼	⅜	½	¾
Per dozen	$3 25	4 00	5 25	6 50	7 50
Per dozen, Extra Heavy	.....	6 75	7 25	8 00	.....
Per dozen, 4 inches long	.....	7 00	8 00	8 25	.....

GAS FITTINGS

Straight Cock.



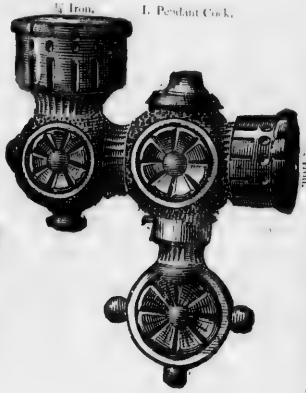
¼ Iron.



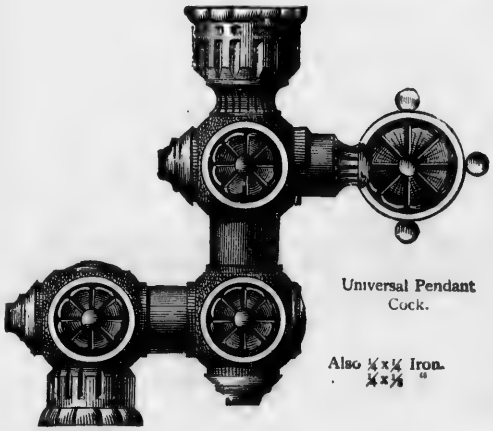
Revolving Pendant Cock.

Also ¼ x ⅛ Iron.
⅜ x ⅛ "
⅜ x ¼ "

¼ Iron. I. Pendant Cock.



⅜ Iron.

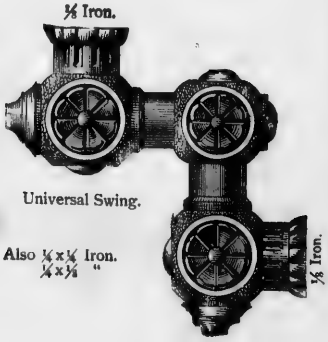


Universal Pendant Cock.

Also ¼ x ¼ Iron.
¼ x ⅛ "

¼ Iron.

⅜ Iron.



Universal Swing.

Also ¼ x ¼ Iron.
¼ x ⅛ "

STRAIGHT COCKS.

Size	⅛ x ⅛	¼ x ⅛	¼ x ¼	⅜ x ¼	⅜ x ⅜
Per dozen	$3 50	4 40	4 50	5 00	5 40
Per dozen, Extra Heavy			6 80		7 90

REVOLVING PENDANT COCKS.

Size	¼ x ⅛	¼ x ¼	⅜ x ¼
Per dozen	$ 7 00	7 00	8 00
Per dozen, Extra Heavy		10 80	10 80

ELBOW PENDANT COCKS.

Size	¼ x ⅛	¼ x ¼	⅜ x ⅛	⅜ x ¼
Per dozen	$ 4 40	5 30	5 40	5 40
Per dozen, Extra Heavy	8 00	8 25	8 50	8 50

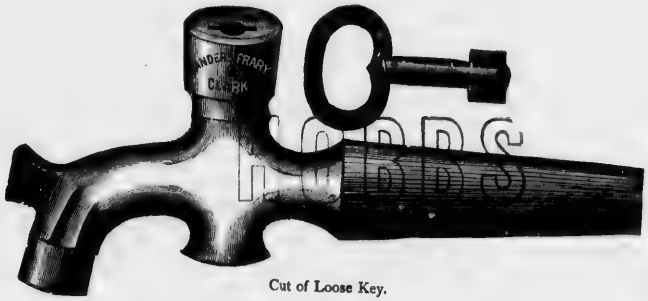
UNIVERSAL PENDANT COCKS.

Size	¼ x ⅛	¼ x ¼	⅜ x ¼	⅜ x ⅜
Per dozen	$ 9 40	9 40	10 20	.....
Per dozen, Extra Heavy			15 00	17 00

UNIVERSAL SWING JOINTS.

Size	¼ x ⅛	¼ x ¼	⅜ x ¼	⅜ x ⅜
Per dozen	$ 7 40	7 90	7 90	8 60
Per dozen, Extra Heavy	10 00	10 00	11 50	11 50

BRASS COCKS



Cut of Loose Key.

LOOSE KEY, BRASS COCKS.

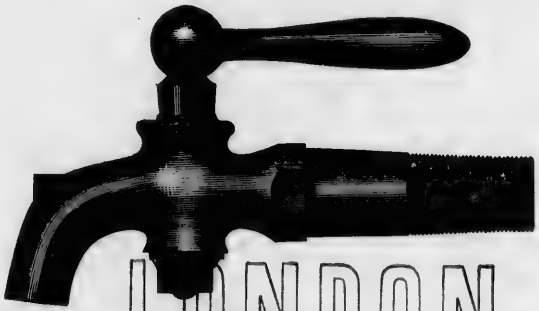
Size, inch,	¼	5/16	⅜	½	⅝	¾	⅞	1
Per dozen, $								

Cut of Fast Key.

FAST KEY, BRASS COCKS.

Size, inch,	¼	5/16	⅜	½	⅝	¾	⅞	1
Per dozen, $								

PETROLEUM FAUCETS



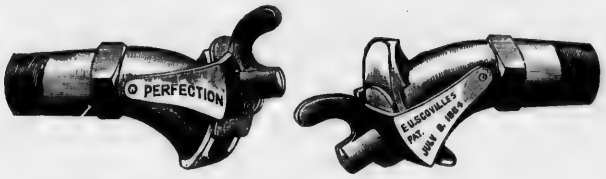
Half Size Cut of ¾ inch.

JAPANNED. TO SCREW.

½ inch, Brass Lever Handle, Solid Brass Plug	per dozen, $
⅝ inch, Japanned Iron Lever Handle, Iron Plug, Brass Bushed	per dozen,
¾ inch, Japanned Iron Lever Handle, Iron Plug, Brass Bushed	per dozen,
1 inch, Japanned Iron Lever Handle, Iron Plug, Brass Bushed	per dozen,

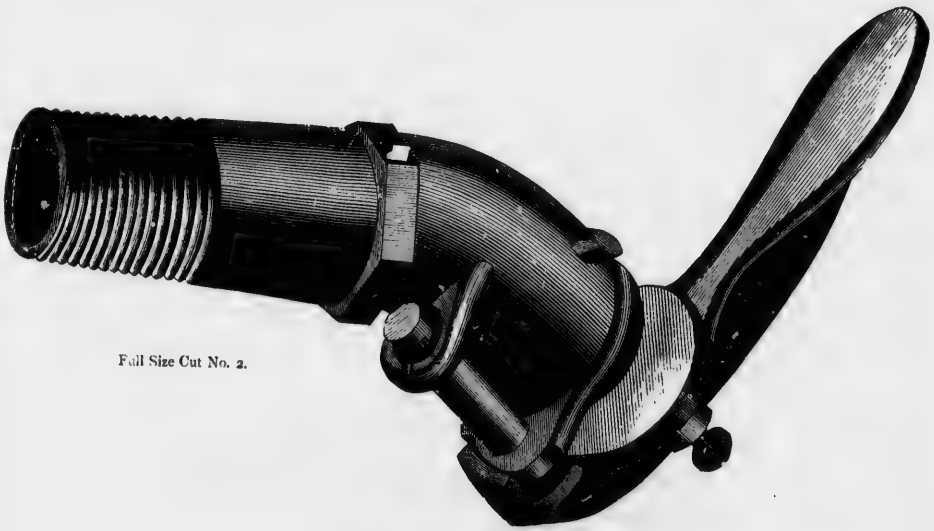
"PERFECTION"

OIL AND MOLASSES GATES



Sizes, inch,	½	¾	1	1¼
Per dozen,	$			

STEBBINS' MOLASSES AND OIL GATES



Full Size Cut No. 2.

JAPANNED. TO SCREW.

No 1	13/16 inch, inside Diameter	per dozen, $
No. 2	⅞ inch, inside Diameter	per dozen,
No. 3	1¼ inch, inside Diameter	per dozen,
No. 4	1⅜ inch, inside Diameter	per dozen,
No. 5	1½ inch, inside Diameter	per dozen,

PATENT

SELF-MEASURING

FAUCETS.

FOR MOLASSES, THICK OILS, VARNISHES, ETC.

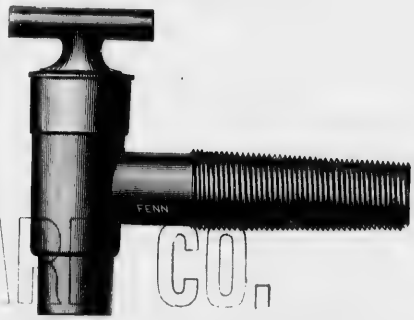
Each . . . . . $

CHEESE VAT GATES.

CHEESE VAT GATES.

No. 1 Inside Diameter 2⅛ inches, Length 7 inches, each....$
No. 2 Inside Diameter 3 inches, Length 8¼ inches, each....
No. 1 11½ inch Lever, No. 2 13½ inch Lever.

FENN'S CORK STOPS.



FENN'S CORK STOPS, CREAMER FAUCETS.

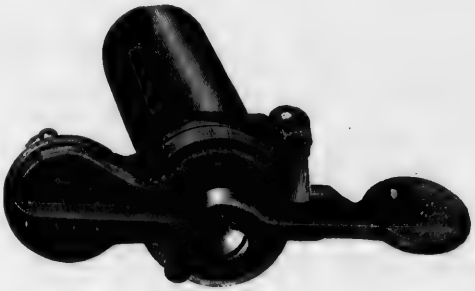
No. 2 Fenn's Cork Stops Creamer Faucets, per dozen..$

WHITE METAL CREAMER TAP

WITH LOOSE KEY.

No 3 White Metal Creamer Tap, with Loose Key . . . . . per dozen, $

SPECIAL CREAMER GATES



Full Size Cut

STRAIGHT.

With Lock Lever, extra strong, to prevent breakage when lowering cans. Diameter 5/8 inch.

JAPANNED.

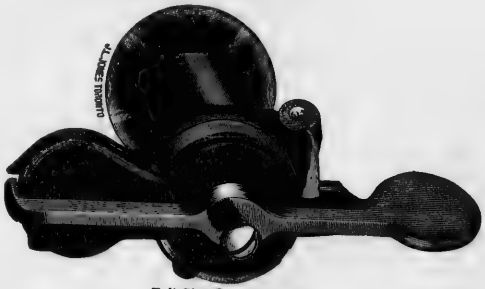
Special Creamer Gates, Japanned . . . . . per dozen, $

TINNED.

Special Creamer Gates, Tinned . . . . . per dozen, $

Tinned Creamer Gates.

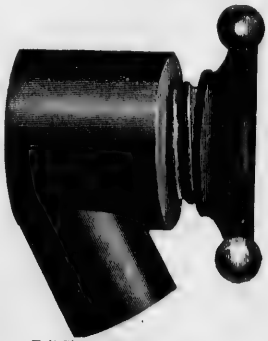
WITH FLANGE AND LOCK LEVER.



Full Size Cut of No. 200.

White Metal Creamer Gates.

WITH SCREW PLUG.



Full Size Cut of No. 1.

No. **200** Bent, Tinned . . . . . per dozen, $
No. **1** White Metal, with Screw Plug . . . . . per dozen,

FAUCETS

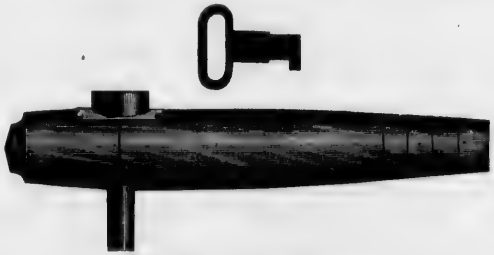
HOBBS

WOOD BODY, TINNED MALLEABLE IRON KEY AND CAP.

No. 1 7½ inches Long by ¾ inch on End, per dozen...$
No. 2 9 inches Long by ⅞ inch on End, per dozen...
No. 3 11½ inches Long by ⅞ inch on End, per dozen..

METAL PLUG, LEATHER LINED.

No. 21 7½ inches Long by ¾ inch on End, per dozen..$
No. 22 9 inches Long by ⅞ inch on End, per dozen..
No. 23 11½ inches Long by ⅞ inch on End, per dozen.



STYLE NO. 102. APPLEWOOD BODY.

LOCK FAUCET, METAL LOCK PLUG.

HARDWARE CO.

No 6 7 inches Long . . . . . per dozen, $
No. 5 7½ inches Long . . . . . per dozen,
No. 4 8½ inches Long . . . . . per dozen,

APPLEWOOD BODY, METAL PLUG, PERFORATED.

No. 5 6½ inches Long . . . . . per dozen, $
No. 3 7½ inches Long . . . . . per dozen,

CHERRY FAUCETS, HEAVY.

9 inches Long . . . . . per dozen, $

REDLICH'S RUBBER SOAKED FAUCETS.

LONDON

No. 2 8 inches Long . . . . . per dozen, $
No. 4 10 inches Long . . . . . per dozen,

CORK LINED WOOD FAUCETS.

Nos.	2	4	6	8
Length, inches,	7	8	9	10
Per dozen, $				

FILES

MANUFACTURED BY HENRY DISSTON & SONS

"DISSTON" AND "KEYSTONE" BRANDS.

The following cuts are engraved from Files 12 inches long. If longer than 12 inches the cuts will be coarser, if smaller they will be finer in proportion.

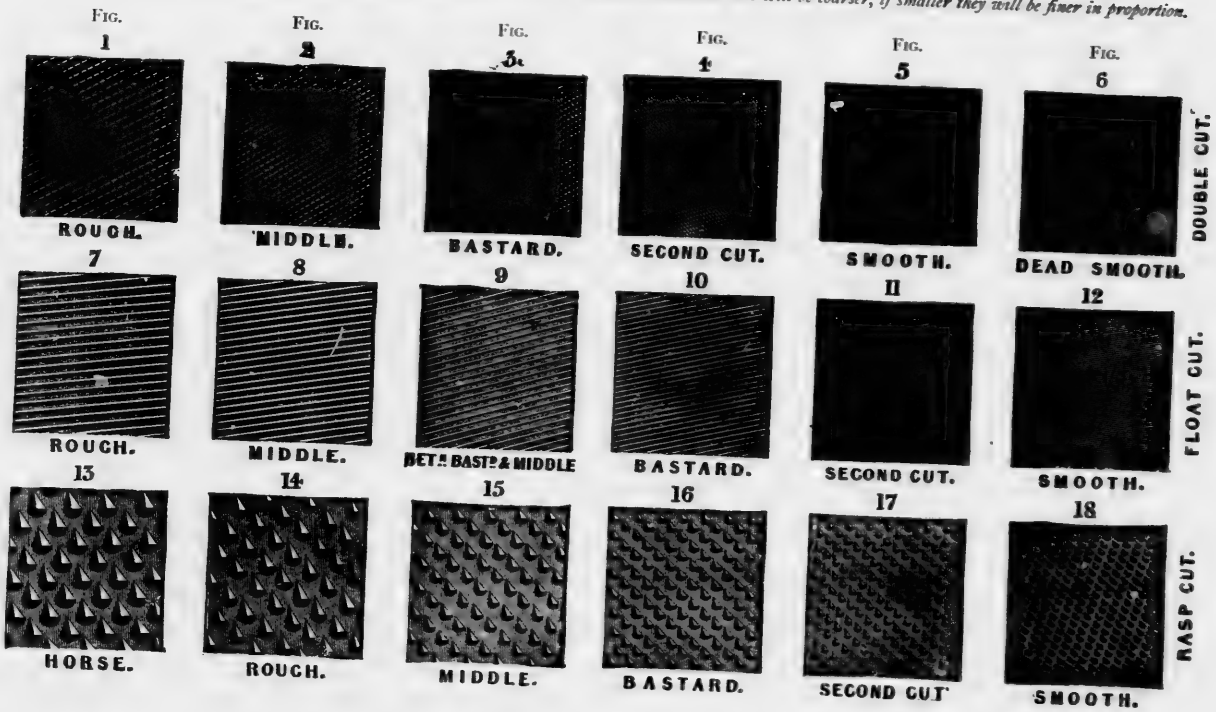


Fig. 19 MILL SAW FILE, SECOND CUT, 8 inches.

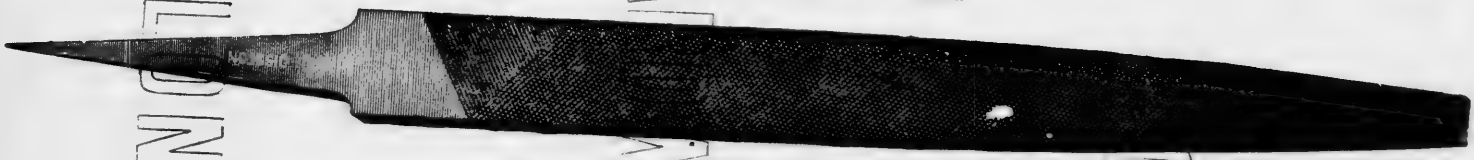


Fig. 20 FLAT FILE, BASTARD, 8 inches.

Fig 21 HALF ROUND FILE, BASTARD, 8 inches.

Fig. 22 FOUR-SQUARE FILE, BASTARD, 8 inches.

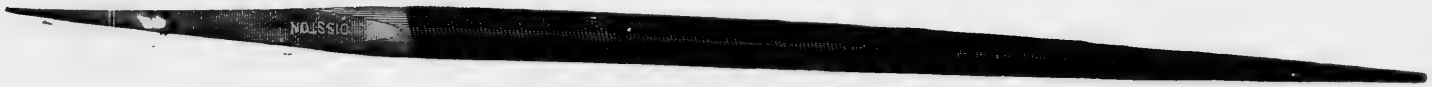


Fig. 23 ROUND FILE, BASTARD, 8 inches.

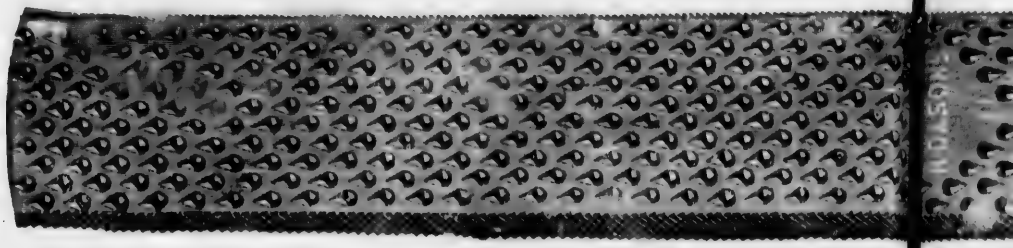


Fig. 24.

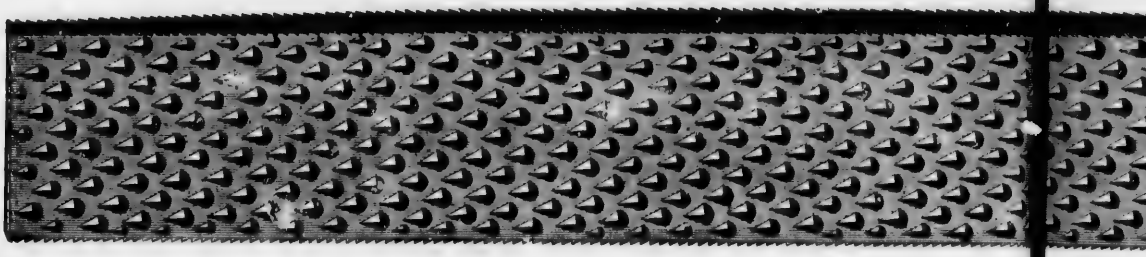


Fig. 25

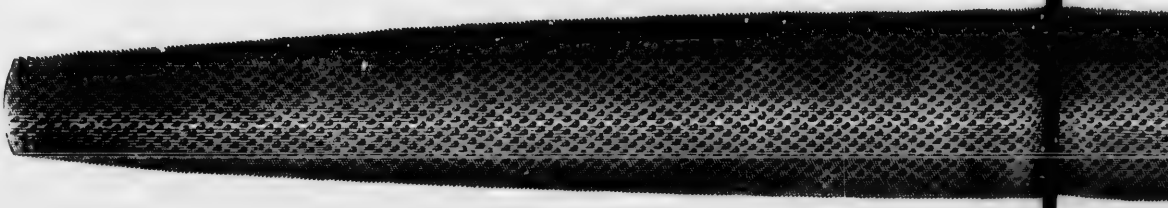
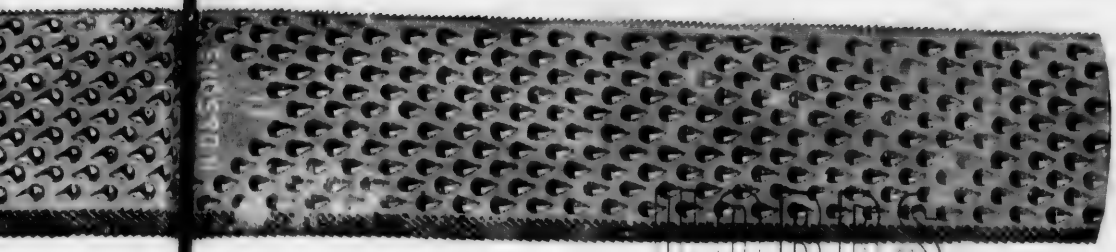
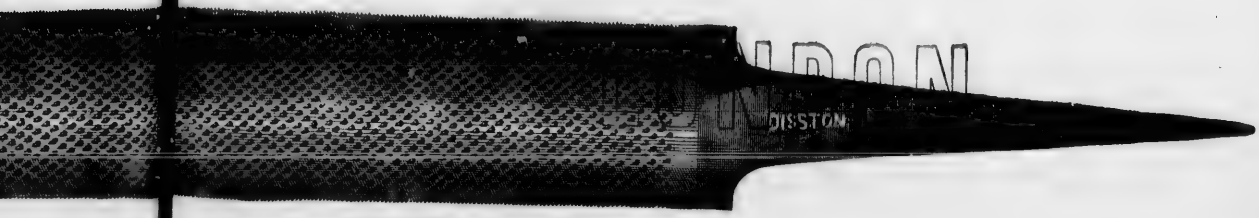


Fig. 26.



PLAIN HORSE RASP. 14 Inches.

TANGED HORSE RASP. 12 Inches.

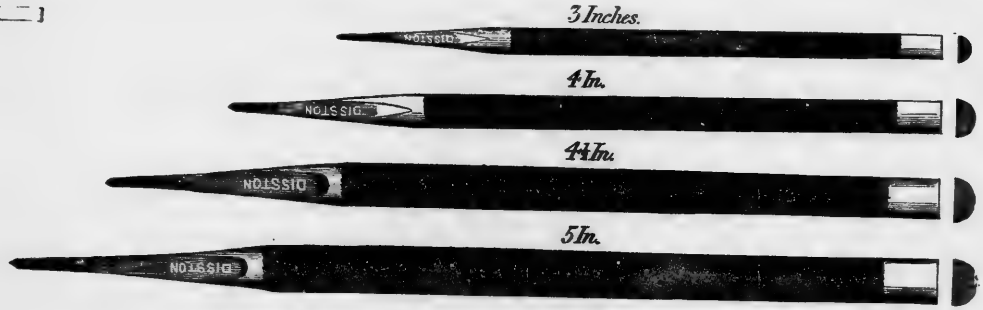


CABINET RASP. 12 Inches.

Fig. 27, FLAT WOOD RASP, 8 inch.

Fig. 28, HALF ROUND WOOD RASP, 8 inch.

Fig. 29, PLAIN FLAT SHOE RASP, 8 inch.



PIT SAW FILES.
Fig. 30

THREE-SQUARE TAPER FILES

Fig. 31, Size, 4 inches.

Fig. 32, Size, 4½ inches.

Fig. 33, Size, 6 inches.

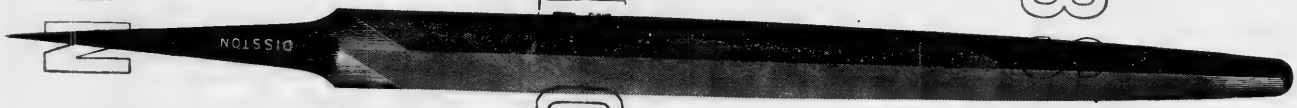


Fig. 34, Size, 7 inches.

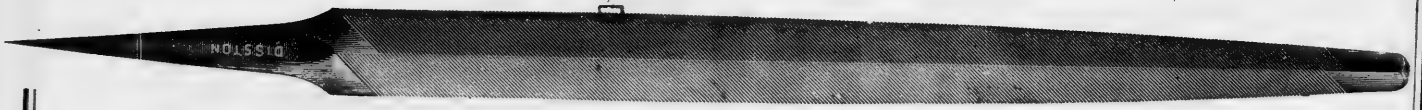


Fig. 35, Size, 8 inches.

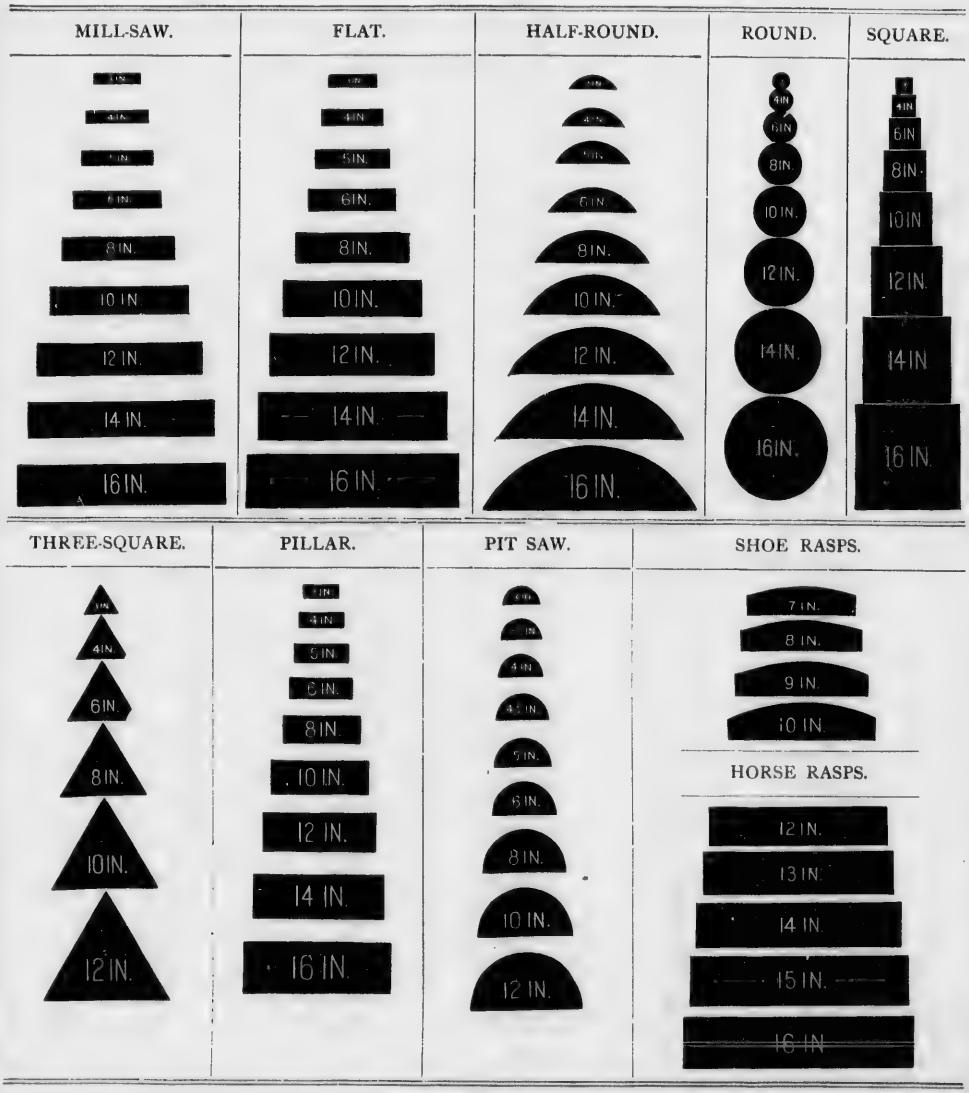
SECTIONAL DIAGRAMS

SHOWING THE

SIZE, SHAPE AND PROPORTIONS

OF THE

REGULAR KINDS OF FILE STEEL.



PRICE LIST OF

AMERICAN FILES AND RASPS

MILL AND ROUND.

Inch.	Bastard	2nd Cut	Smooth
4	$ 1 80	$ 2 15	$ 2 40
5	2 00	2 40	2 65
6	2 25	2 65	2 95
7	2 55	3 00	3 30
8	2 90	3 40	3 70
9	3 30	3 85	4 20
10	3 80	4 40	4 80
11	4 50	5 20	5 65
12	5 40	6 20	6 75
13	6 50	7 45	8 05
14	7 80	8 90	9 65
15	9 30	10 60	11 45
16	11 00	12 50	13 40
17	12 90	14 60	15 60
18	15 10	16 90	18 10
19	17 60	19 70	21 10
20	20 40	22 85	24 50

EXTRAS.

Mill, Double Cut, advance 1 in.
Mill, Narrow Points, " 1 "
Cross Cut Saw (Blunt), " 2 "

FLAT AND SQUARE.

Inch.	Bastard	2nd Cut	Smooth
4	$ 2 00	$ 2 40	$ 2 65
5	2 20	2 60	2 90
6	2 50	2 95	3 25
7	2 90	3 40	3 75
8	3 40	4 00	4 35
9	4 00	4 70	5 10
10	4 70	5 45	5 90
11	5 60	6 50	7 05
12	6 70	7 70	8 40
13	8 00	9 15	10 00
14	9 50	10 90	11 80
15	11 20	12 75	13 75
16	13 10	14 85	16 00
17	15 25	17 25	18 45
18	17 65	19 75	21 20
19	20 30	22 75	24 35
20	23 20	26 00	27 85

EXTRAS.

Cant Blunt (Double Cut), adv. 2 in.

HAND WARDING & PILLAR.

Inch.	Bastard	2nd Cut	Smooth
4	$ 2 25	$ 2 70	$ 3 00
5	2 50	3 00	3 30
6	2 80	3 40	3 65
7	3 20	3 75	4 15
8	3 70	4 35	4 75
9	4 35	5 10	5 55
10	5 20	6 00	6 55
11	6 30	7 30	7 95
12	7 50	8 60	9 40
13	8 90	10 20	11 00
14	10 50	12 00	13 00
15	12 30	14 00	15 10
16	14 30	16 20	17 50
17	16 60	18 75	20 10
18	19 20	21 50	23 00
19	22 10	24 75	26 50
20	25 30	28 35	30 35

EXTRAS.

Ginsaw (Single Cut), take Bast. price
Slotting (Blunt), advance 2 inches.

HALF RD. & THREE SQUARE

Inch.	Bastard	2nd Cut	Smooth
4	$ 2 50	$ 3 00	$ 3 30
5	2 80	3 35	3 70
6	3 20	3 80	4 15
7	3 70	4 35	4 80
8	4 30	5 00	5 50
9	5 00	5 85	6 40
10	5 80	6 75	7 30
11	6 70	7 75	8 45
12	7 80	9 00	9 75
13	9 10	10 40	11 25
14	10 60	12 10	13 10
15	12 40	14 15	15 25
16	14 50	16 50	17 70
17	16 90	19 10	20 50
18	19 60	22 00	23 50
19	22 60	25 30	27 10
20	26 00	29 10	31 20

EXTRAS.

Knife, advance 1 in.
High Back Half Rd (Blunt) " 2 "
Cross (Blunt) " 2 "
Feather Edge (Blunt) " 2 "

Inch....	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	13	14
Tapers, Single Cut	1 10	1 10	1 20	1 40	1 70	2 00	2 40	3 00	3 80	4 60	5 70	7 20	9 00	11 00	13 20
Tapers, Double Cut	1 60	1 60	1 75	2 00	2 40	2 75	3 25	4 00	4 95	5 90	7 10	8 80	10 80	12 90	15 20
Slim Tapers, Single Cut	1 20	1 20	1 30	1 45	1 70	1 90	2 10	2 50	3 00	3 70	4 50	5 50	6 80	8 30	10 00
Slim Tapers, Double Cut	1 80	1 80	1 90	2 10	2 40	2 60	2 85	3 30	3 90	4 70	5 60	6 85	8 20	9 75	11 50
Pitsaw Blunt, Single Cut	1 05	1 10	1 20	1 30	1 50	1 80	2 20	2 75	3 50	4 30	5 00	5 80	6 70	7 70	.....
Hooktooth Blunt, Single Cut							3 60	3 90	4 40	5 10	6 00	7 10	8 40	.....	.....

EXTRAS.

Bandsaw, Heavy, Blunt, take Taper Double Cut price.
Bandsaw, Light, " take Slim Taper Double Cut price. } **Taper Points**, same price.
Cantsaw, Blunt, Single Cut
Round Gulleting, Blunt, Single Cut } Take Pitsaw price.
Round Off, Blunt, Single Cut, take Hooktooth price.
Tapers, pointed at both ends (without handles), double the price of Slim Tapers of Half their length.

Inch....	6	7	8	9	10	11	12	13	14	15	16	17	18
Horse Rasps — Plain	....	....	....	....	6 50	7 50	9 00	10 70	12 70	15 00	17 60	20 50	23 70
Horse Rasps — Beveled and ¾ Rasp	....	....	....	....	7 20	8 30	10 00	11 80	14 00	16 50	19 40	22 50	26 00
Horse Rasps — Tanged	....	....	....	....	9 00	10 25	12 00	14 00	16 50	19 50	23 00	.....	.....
Wood Rasps, Half Round and Flat	4 20	5 00	6 10	7 30	8 75	10 40	12 30	14 50	16 90	19 60	22 50	.....	.....
Cabinet — Rasps	6 00	7 00	8 20	9 60	11 20	13 00	15 00	17 20	19 60	22 20	25 00	.....	.....
Cabinet — Files	4 20	5 00	6 10	7 30	8 75	10 40	12 30	14 50	16 90	19 60	22 50	.....	.....
Shoe Rasps — Half Round and Flat	4 60	5 30	6 10	7 00	8 00	9 10	10 30	11 60	13 00	.....	.....	.....	.....
Shoe Rasps — Oval	5 30	6 10	7 00	8 00	9 10	10 30	11 60	.....	.....	.....	.....	.....	.....

EXTRAS.

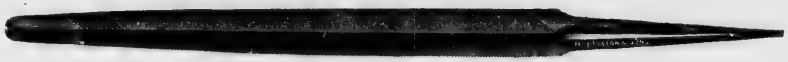
File Rasps, Flat and Half Round, take Flat and Half Round Wood Rasp price.
Wood File, Flat and Half Round, take Flat and Half Round Bastard price.
Last Makers' Rasps, 1 inch advance on Cabinet Rasp price.

EXTRAS—GENERAL.

One Round Edge, Advance 7½ per cent., and **Two Round Edges**, 15 per cent. on respective Kinds and Cuts.
Blunt Files (not specified), advance one inch on respective Kinds and Cuts. **Dead Smooth**, double the price of Bastard Cut.
Equalings (Bellied) advance 2 inches on respective Kinds and Cuts.
Sizes, Below 4 Inches, not extended, take 4 inch price. **1-2 Inches not specified**, take next higher full inch price.
Rough, Coarse, Union Cut, Brass, or Other than Regular Cut (not specified) made upon Regular or Standard-shaped Blanks, advance one inch on respective Kinds and Cuts.
Single, or Float Cut (not specified), on Regular Shapes, take Double Cut price.
Irregular Goods—All lengths above those listed and Files varying from Standard Sizes to be classed as **Irregular** and subject to special prices.
Stave Saw Files, advance 1 inch on Pitsaw File price.
Inserted Tooth Saw Files, advance one inch on Hook Tooth Saw File price.

HARVARD COLLEGE LIBRARY

FILES



PRICE LIST OF

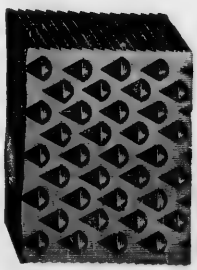
THOS. JOWITT & SONS' AND SPEAR & JACKSON'S FILES.

Inches	4	5	6	7	8	9	10	11	12	13	14	15	16	18
Flat, Half Round, Round, Square, Warding and Mill-Saw Bastard	1 15	1 40	1 70	2 10	2 50	3 00	3 60	4 30	5 20	6 00	7 20	8 70	10 30	14 50
Mill-Saw, 2nd Cut, Flat and Half Round, 2nd Cut	1 35	1 60	2 00	2 40	2 90	3 25	4 10	4 80	5 75	6 50	8 00	....	....	
Hand, Bastard	1 25	1 50	2 10	2 50	2 90	3 60	4 30	5 20	6 00	7 20	8 70	10 30	12 00	
Hand, 2nd Cut	1 45	1 80	2 40	2 90	3 25	4 10	4 80	5 75	6 50	....	....	....	....	
Hand, Smooth	1 80	2 15	2 75	3 25	3 70	4 60	5 50	6 40	7 20	8 70	10 10	12 50	15 00	
Hand, Dead Smooth	2 70	....	4 20	....	5 70	....	8 40	....	10 80	....	....	....	....	
Flat and Half Round Smooth Files; Cabinet Files and Rasps; Flat and Half Round Wood Rasps	1 60	2 00	2 30	2 80	3 25	3 70	4 60	5 50	6 40	7 20	8 70	10 10	12 50	
Horse and Shoe Rasps	....	....	....	2 10	2 50	3 00	3 60	4 30	5 20	6 00	7 20	8 70	10 30	
Patent Double Struck Horse Rasps	....	....	....	....	....	....	....	....	5 50	6 50	8 00	9 50	11 20	
Improved Bevelled Edge Horse and Shoe Rasps	....	....	....	2 30	2 70	3 25	4 00	....	5 50	6 50	8 00	9 50	11 20	
Tanged Horse Rasps	....	....	....	....	....	....	....	....	7 20	8 70	10 30	12 00	14 50	

Inches	3	3½	4	4½	5	5½	6	7	8	9	10	11	12
Three-Square Taper Files	0 95	0 95	1 10	1 20	1 30	1 40	1 80	2 30	2 90	3 70	4 70	5 70	7 00
Three-Square Blunts	1 20	1 20	1 30	1 60	1 80	2 10	2 30	....	....	....	....	....	....
Band Saw Files	1 55	1 55	1 80	2 05	2 30	....	....	....	....	....	....	....	....
Pit or Frame Saw Files	....	....	....	1 40	1 60	1 80	2 00	2 50	3 25	3 90	4 80	6 00	7 20

Mill-Saw Files, with two Round Edges, to advance one-half inch on their respective sizes.
Round and Square Parallel Files to advance one inch on their respective descriptions.
Equalling and Parallel Cotter Files, Bastard, to advance one inch on Flat Bastard prices. Shoe Kit Files, $1.25 per set.

HELLER'S HORSE RASPS.

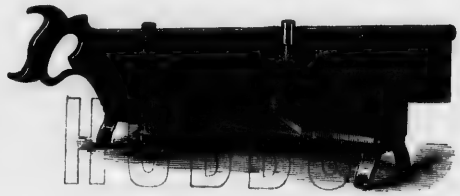


TANGED.

PLAIN.

Size, inches,	12	14	15	16
Plain, per dozen,	$ 9 00	12 70	15 00	17 60
Tanged, per dozen,	12 00	16 50	19 50	23 00

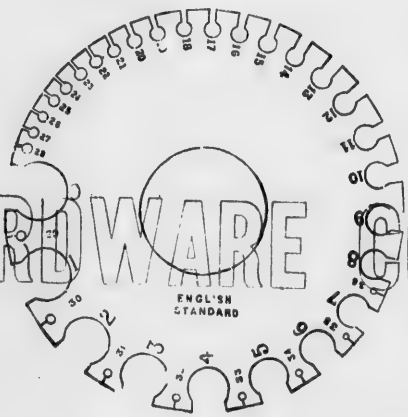
THE NEW LANGDON MITRE BOX



Size **2** Complete, with Saw . . . . . each, $

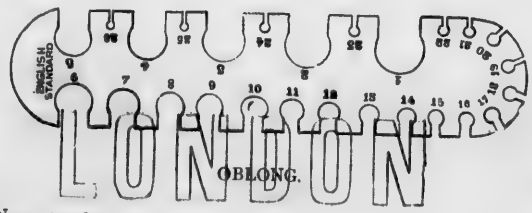
WIRE GAUGES

ENGLISH STANDARD, CAST STEEL.



ROUND.

No. **1** Large. Round, Nos. 0 to 36 . . . . . per dozen, $
No. **2** Small, Round, Nos. 6 to 36 . . . . . per dozen,



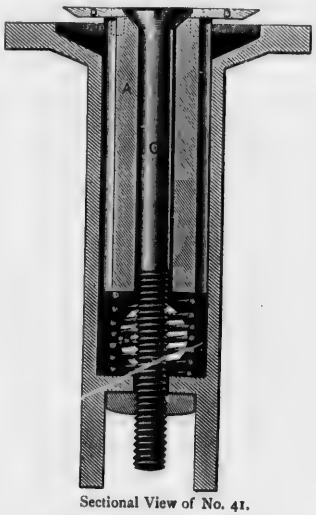
OBLONG.

No. **3** Oblong, Large, Nos. 0 to 36 . . . . . per dozen, $
No. **4** Oblong, Small, Nos. 1 to 26 . . . . . per dozen,

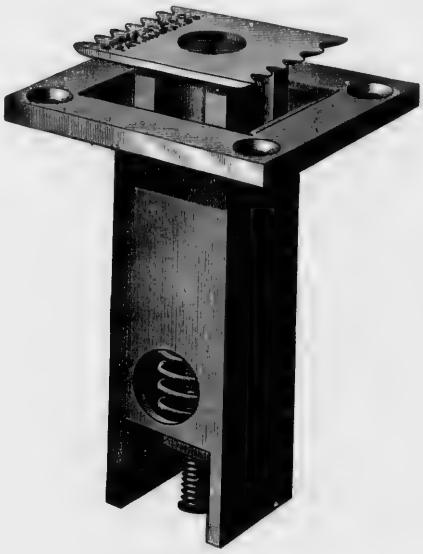
STRAIGHT EDGES AND MEASURES

No. **1**	3 feet Measure, Wood	per dozen, $
No. **2**	3 feet Measure, Brass	per dozen,
No. **4**	4 feet Measure, Wood, Marked on Flat Side	per dozen,
No. **04**	4 feet Measure, Wood, Marked on Bevelled Side	per dozen,
No. **5**	5 feet Measure, Wood, Marked on Flat Side	per dozen,
No. **05**	5 feet Measure, Wood, Marked on Bevelled Side	per dozen,
No. **6**	6 feet Measure, Wood, Marked on Flat Side	per dozen,
No. **06**	6 feet Measure, Wood, Marked on Bevelled Side	per dozen,

BENCH HOOKS

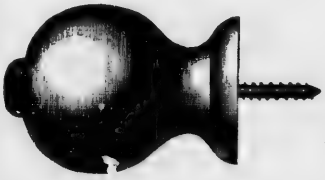


Sectional View of No. 41.



Full Size Cut of No. 41.

No. **41**	Polished Steel Face	per dozen, $
No. **51**	With Flush Thumbscrew on Plate	per dozen,



BASE KNOBS

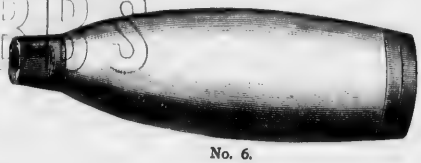
RUBBER TIPPED.

2½ inch, Beech	per gross, $
3 inch, Beech	per gross,
2½ inch, Walnut	per gross,
3 inch, Walnut	per gross,

HANDLES

COMMON BRAD AWL.

PATENT PEG AWL.



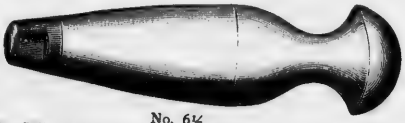
No. 6.

No. **1**	Common Brad Awl Handles, Brass Ferrule and Polished	per gross, $
No. **11**	Hickory Pegging Awl, Brass Ferrule	per gross,
No. **6**	Hickory Pegging Awl, Leather Top, Steel Screw and Nut, with Wrench	per dozen,

COMMON SEWING AWL.

No. 10.

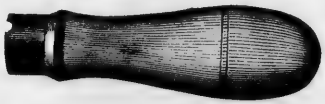
PATENT SEWING AWL.



No. 6½.

No. **10**	Common Sewing Awl Handles, Brass Ferrule	per gross, $
No. **6½**	Patent Sewing Awl Handles, Steel Screw and Nut, with Wrench	per dozen,

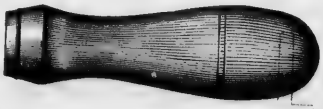
COMMON FILE.



SCREW DRIVER.

No. **2**	Common File Handles, Brass Ferrules	per gross, $
No. **3**	Screw Driver Handles, Beech Wood	per dozen,
No. **4**	Screw Driver Handles, Ebonized, Nickel Plated Ferrules	per dozen,

SOLDERING COPPER.



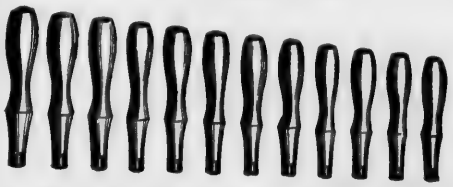
TANG FIRMER CHISEL.

No. **5**	Soldering Copper Handles	per gross, $
No. **50**	Boxwood Tang Firmer Chisel Handles, Octagon, Assorted	per dozen,

HARDWARE CO.

HANDLES

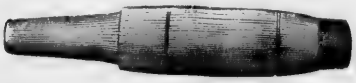
TANG FIRMER CHISEL.



SOCKET FIRMER CHISEL.

No. **55**	Hickory Tang Firmer Chisel Handles, Polished, Brass Ferrules, Assorted	per gross, $
No. **60**	Applewood Tang Firmer Chisel Handles, Polished, Prass Ferrules, Assorted	per gross,
No. **65**	Hickory Socket Firmer Chisel Handles, Polished, Assorted	per gross,
No. **70**	Applewood Socket Firmer Chisel Handles, Polished, Assorted	per gross,

SOCKET FRAMING CHISEL.



No. **75**	Hickory Socket Framing Chisel Handles, Iron Ring	per gross, $

AUGER HANDLES.

No. **80**	Common Auger Handles, Assorted	per dozen, $
No **85**	Patent Adjustable Auger Handles	per dozen,

JACK PLANE.

No. 90.

FORE PLANE.

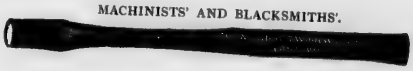
No. 95.

No. **90**	Jack Plane Handles, Beech	per dozen, $
No. **95**	Fore Plane Handles, Beech	per dozen,

HAMMER HANDLES.

NAIL.

MACHINISTS' AND BLACKSMITHS'.



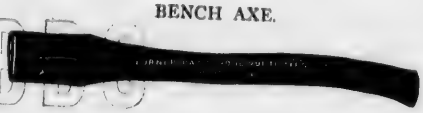
Second Growth Hickory Adze Eye Hammer — per dozen, $0 75

	Inch,	14	16	18	20	22
Second Growth Hickory, Machinists' and Blacksmiths'	per dozen,	$0 85	1 00	1 15	1 30	1 50
Extra Hickory, Machinists' and Blacksmiths'	per dozen,	60	70	80	90	1 10

HANDLES

HATCHET.

BENCH AXE.



Hatchet Handles	per dozen,	$0 75
Bench Axe Handles, large	per dozen,	90
Bench Axe Handles, small	per dozen,	80

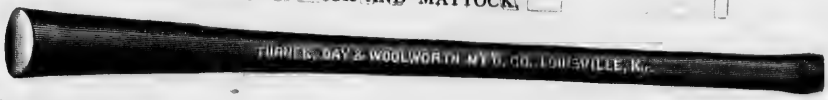
SLEDGE.

	Inch,	30	32	34	36	38
Sledge Handles, Second Growth Hickory	per dozen,	$2 00	2 25	2 50	2 75	3 15
Sledge Handles, Extra Hickory	per dozen,	1 60	1 75	2 00	2 25	....

ADZE

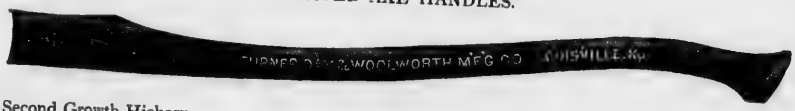
House Adze Handles	per dozen,	$2 50
Ship Carpenters' Adze Handles	per dozen,	2 50

PICK AND MATTOCK.



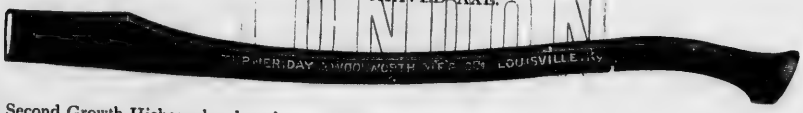
Second Growth Hickory	per dozen,	$4 00
Extra Hickory	per dozen,	2 50

SHAVED AXE HANDLES.



Selected Second Growth Hickory	per dozen,	$4 00
Extra Hickory	per dozen,	3 00
No. 2 Hickory	per dozen,	1 40
No. 3 Hickory	per dozen,	1 00

HAND SHAVED AXE.

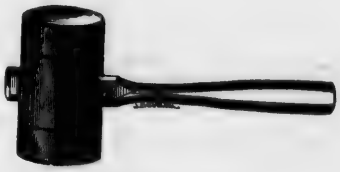


Selected Second Growth Hickory, hand made	per dozen,	$3 75
Extra Hickory, Selected, hand made	per dozen,	3 35
No. 1 Hickory, hand made	per dozen,	2 25

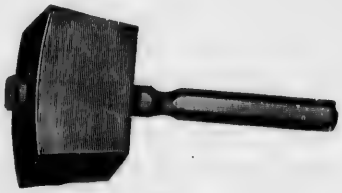
BRASS FERRULES

Nos.	00	0	1	2	3	4	5	6	7	8	9	10
Diameter,	1 inch	15/16	28/32	26/32	24/32	22/32	¾	9/16	½	7/16	⅜	5/16
Depth,	19/32	9/16	17/32	½	15/32	7/16	13/32	⅜	11/32	5/16	9/32	¼
Per gross,	$1 50	1 30	1 10	88	75	70	65	55	45	45	45	45

MALLETS

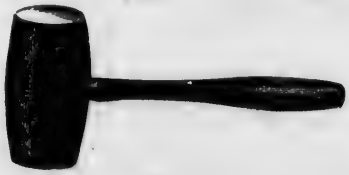


No. 3.



No. 10.

No. **3** Round Hickory, Mortised Handle, 6 inches long x 4 inches diameter . . . . . per dozen, $
No. **10** Square Hickory, Mortised Handle, 7 inches long x 3 x 4 inches diameter . . . . . per dozen,



No. 4.

No. **4** Round Hickory, Round Handle, 5 to 5½ inches long, assorted, 2¼ and 2½ inches in diameter . . . per dozen, $

AXE WEDGES

Axe Wedges, Japanned . . . . . per dozen, $

PEG BREAKS

No. 59.

No. 64.

No. 62.

No. 59	Heavy Cast Steel	per dozen, $
No. 62	Standard, with Clinch	per dozen,
No. 64	Heavy Standard, with one Clincher and one Cutter	per dozen,

HOBBS HARDWARE CO.

GLUE POTS

ENAMELED OR TINNED.

No. 0	per dozen, $ 6 00
No. 1	per dozen, 6 75
No 2	per dozen, 8 40
No. 3	per dozen, 10 26

Discount, per cent

THE HANDY

FAMILY GLUE POT

LONDON

Per dozen $

ZINC SCREW OILERS

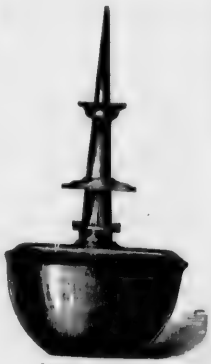
Zinc Oilers, Spun Bottom.

ZINC OILERS, SPUN BOTTOM.

Nos.	0	1	2	3	4
Per dozen, $					

OLMSTEAD'S PATTERN.

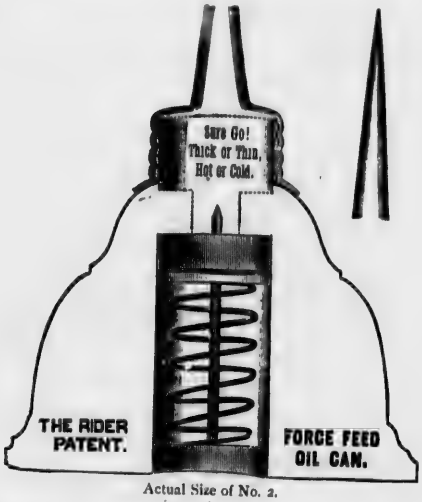
Nos.	0	1	2	3
Per dozen, $				



Olmstead's Pattern.

PATENT FORCE FEED OIL CAN

No. 3 "Paragon" Force Feed Oil Can.



Actual Size of No. 2.

No. 2	3¼ inch diameter of Bottom, Zinc	per dozen, $
No. 3	3¾ inch diameter of Bottom, Zinc	per dozen,
No. 4	4 inch diameter of Bottom, Zinc	per dozen,
No. 3	"Paragon" Force Feed Oiler, Zinc	per dozen,
No. 3	"Paragon" Force Feed Oiler, Brass	per dozen,

BICYCLE OILERS.

No. 10	Gilt Bicycle Oilers	per dozen, $
No. 20	Nickel Plated Bicycle Oilers	per dozen,
No. 30	Gilt Machine Oilers	per dozen,

Nos. 10 and 20.

TINNERS' SHEARS

HAND SHEARS OR SNIPS, LEFT HAND.

No. 8	Hand, Cut 3½ inches	per dozen, $
No. 9	Hand, Cut 3 inches	per dozen,
No. 10	Hand, "Ajax," Cut 2½ inches	per dozen,

CIRCULAR HAND SHEARS.

No. 8	Circular	per dozen, $
No. 9	Circular	per dozen,

PLATERS' SHEARS.

No. 3	Cut 2½ inches	per dozen, $
No. 5	Cut 1½ inches	per dozen,

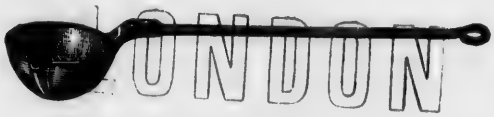
SOLDERING COPPERS

EXTRA FINISH.

Nos.	1	1½	2	2½	3	4	5
Weight,	1	1½	2	2½	3	4	5 pounds per pair.

Soldering Coppers . . . . . per pound, $

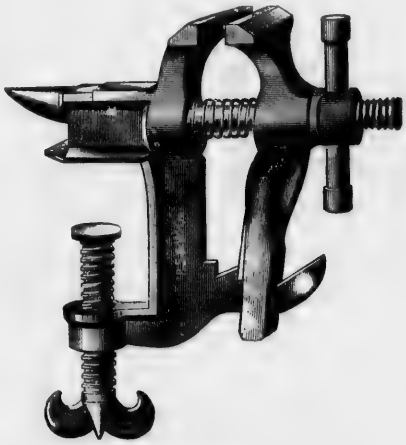
PLUMBERS' OR MELTING LADLES



CAST BOWL, WROUGHT HANDLE.

Nos.	1	2	3	4	5	6	7
Inches across Bowl,	2½	3	3½	4	4½	5	6
Per dozen, $							

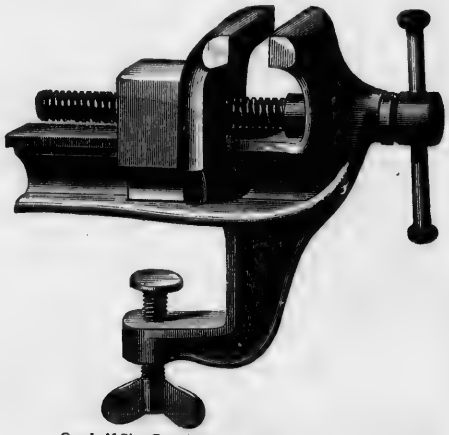
BENCH VISES



Three-quarter Size Cut of No 10.

JEWELERS' VISE, WITH CLAMP AND POLISHED JAWS.

No. **10** 1½ inch Jaw, with Anvil - - per dozen, $

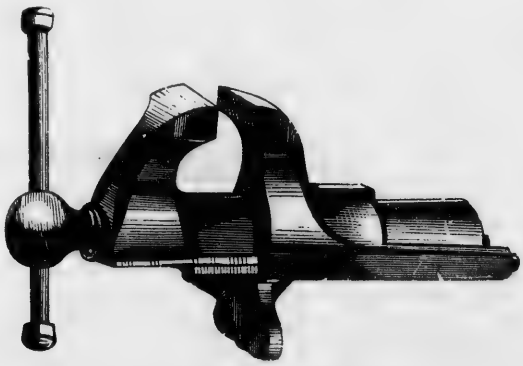


One-half Size Cut of No. 2.

UNIVERSAL VISE, WITH CLAMP AND POLISHED JAWS.

No. **2** 2 inch Jaw - - - - - per dozen, $

PARALLEL VISES



OVAL SLIDE, STEEL FACED JAWS.

Nos. 1 to 4.

	Width of Jaws.	Jaws Open.	Weight.	Each.
No. **1**	2½ inches	5½ inches	13 lbs.	$
No. **2**	3 inches	5¾ inches	20 lbs.	
No. **3**	4 inches	6½ inches	25 lbs.	
No. **4**	4¾ inches	7½ inches	37½ lbs.	

SOLID BOX VISES

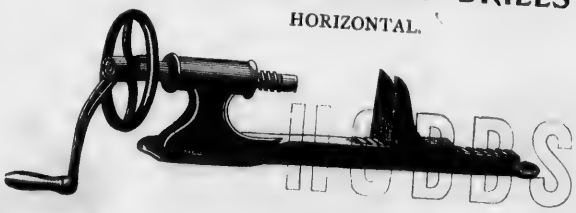
No. 1.

SOLID BOX VISES.

No **1** 30 to 100 lbs. - - - - - - - per pound, cents.

BLACKSMITHS' DRILLS

HORIZONTAL.

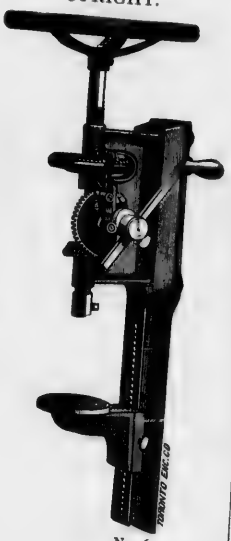


No. 1.

PAINTED AND STRIPED.

No. 1 Length of Bed 30 inches, Socket for ½ inch, Round Drill Shank, weight 30 lbs., each, $

UPRIGHT.



No. 6.

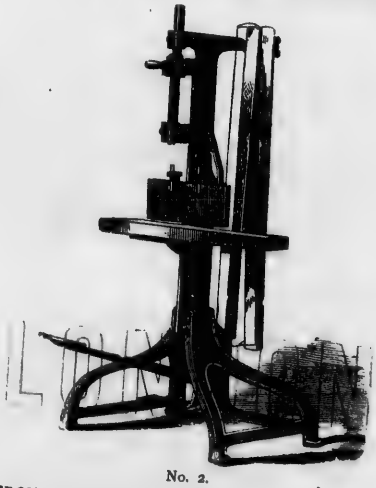
No. 2.

PAINTED AND STRIPED.

No. 2 Length of Bed 26 inches, Socket for ½ inch Round Drill Shank, Wrought Iron Extension Crank, Eccentric Adjusting Paul on Tail Block, Weight 45 pounds . . . . . each, $

No. 6 Length of Bed, 34 inches, Diameter of Balance Wheel 15 inches, Diameter of Feed Wheel 7 inches, Diameter of Spindle 1¾ inches, Socket for ½ inch Round Drill Shank, Geared for Three Speeds, Wrought Iron Extension Crank, Drills holes ⅛ to ⅞ inch, Weight 96 pounds, Self Feeding, for Hand . . . . . each, $

MORTISING MACHINES.



No. 2.

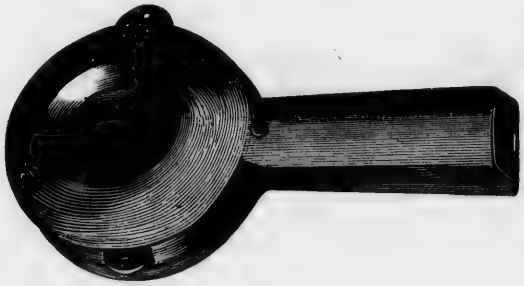
IRON FRAME, WOOD SPRINGS, WOOD TABLE.

COMPLETE WITH CHISELS ⅜, ½ AND ⅝ INCH. CHISELS LIPPED TO DRAW CHIPS FROM MORTISE.

No. 1 Height 4 feet 5 inches . . . . . each, $ | No. 2 Height 4 feet 6 inches . . . . . each, $

BLACKSMITHS' TUYERE IRONS

No. 0, in one piece.



No. 2, in three pieces.

No. 1, in one piece.

No. 0	Weight 16 lbs., length 10 inches	each, $
No. 1	Weight 24 lbs., length 10 inches	each,
No. 2	Crow's Nest Pattern, 15 inches long, diameter of Circular Portion 7 inches, 3 inch Hole, weight 19 lbs.	each,

MOULDERS' BELLOWS

No. 01	9½ inch Moulders' Bellows (imported)	per dozen, $
No. 1	8 inch, Greenings' Bench	13 50
No. 2	9½ inch, Greenings' Standard	15 00
No. 3	12 inch, Greening's, Large	22 00
No. 4	14 inch, Greening's Extra Large and Strong	30 00

BLACKSMITHS' BELLOWS.

Inch,	26	28	30	32	34	36	38	40	42	44
No. 1 Each, $										
No. 2 Each,										

PREPARED CHALK

Half Spheres, Per gross,	White $	Red	Blue

Half gross in a box.

WHITE CHALK CRAYONS.

White Chalk School Crayons (1 gross in a box) . . . . . per gross, $

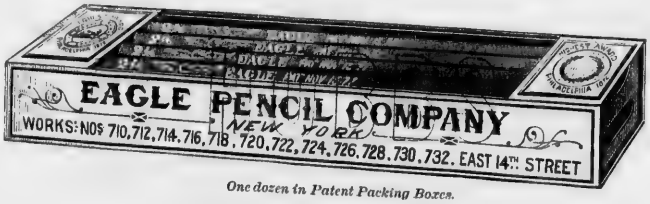
WHITE LUMP CHALK.

White Lump Chalk . . . . . per 100 lbs., $

RED CHALK, OR KEEL.

Red Keel, Lump . . . . . per 100 lbs., $
Red Keel, Fingers . . . . . per 100 lbs.,

"EAGLE" PENCILS



One dozen in Patent Packing Boxes.

ROUND SHAPE, GOLD STAMPED.

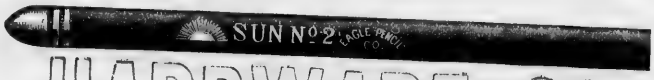
No. **202** Black, Soft Medium . . . per gross, $
No. **222** Rosewood, Soft Medium . . . per gross,

No. **202½** Specially Graded . . . per gross, $
No. **222½** Specially Graded . . . per gross,

SUN PENCILS.

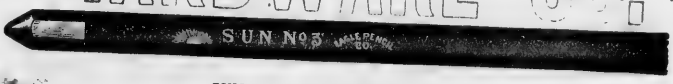
RUBBER PERFECTION.

No. **132** Sun, Black, No. 2 Soft Medium, Rubber Perfection . . . per gross, $
No. **178** Sun, Rosewood Finish, No. 2 Soft Medium, Rubber Perfection . . . per gross,



SUN ROUND, NICKEL TIPS.

No. **98** Sun, Black, No. 2 Soft Medium, Nickel Tips . . . per gross, $
No. **119** Sun, Rosewood Finish, No. 2 Soft Medium, Nickel Tips . . . per gross,



SUN HEXAGON, NICKEL TIPS.

No. **158** Sun, Rosewood Finish, No. 2 Soft Medium, Nickel Tips . . . per gross, $

WITH ERASERS ENCASED IN NICKEL TIPS, STAMPED IN GOLD.

No. **312** "Mercantile," Black, No. 2 Soft Medium . . . per gross, $
No. **323** "Mercantile," Rosewood, No. 2 Soft Medium . . . per gross,

No. **675** "Recorder," No. 2, Small Sized Wood, full length 7 inches, with Nickel Tips . . . per gross, $

EAGLE SPIRAL PENCILS.

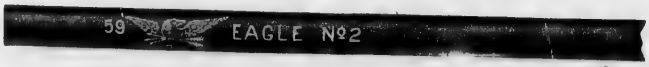
ROUND GILT.

No. **335** No. 2, Rosewood, Rubber encased in Nickel Tips with a Spiral Movement, whereby the Rubber is protected from soiling . . . per gross, $

HARDWARE CO.
LONDON

"EAGLE" PENCILS

PLAIN ROUND PENCILS.



No. **59**	Plain Cedar, Natural, No. 2	per gross, $
No. **60**	Cedar, Highly Polished	per gross,
No. **63**	Black Polished, Medium	per gross,

No. **66**	Red Polished, Medium	per gross, $
No. **67**	Natural Polished, Medium	per gross,

No. **64**	Black Polished, Medium, with large Rubber Tips	per gross, $
No. **68**	Natural Polished, Medium, with large Rubber Tips	per gross,

CROWN HEXAGON PENCILS.

No. **69**	Plain Cedar, Natural No. 2, Hexagon	per gross, $
No. **75**	Red Polished, No. 2, Hexagon, Rubber Tipped	per gross,

PERFECTION ROUND PENCILS.

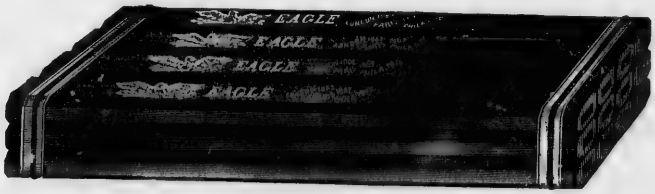
PATENT INSERTED RUBBER HEAD.

No. **140**	Cedar, Highly Polished, No. 2	per gross, $

EXPRESS PENCILS.

No. **600**	Round, Natural, Medium, with Plain Stamp	per gross, $
No. **46**	Round, Black Medium, with Gilt Stamp	per gross,
No. **49**	Round, Red Medium, with Gilt Stamp	per gross,
No. **52**	Round, Natural Medium, with Gilt Stamp	per gross,
No. **84**	Hexagon, Red No. 2, with Gilt Stamp	per gross,
No. **85**	Hexagon, Natural No. 2, with Gilt Stamp	per gross,

CARPENTERS' PENCILS.



No. **430**	"Eagle," White Wood, Oval, with Rule Measure, Colored Stamp, 7 inches	per gross, $
No. **7642**	White Wood, Flat Square, Plain Stamp, 7 inches	per gross,
No. **7647**	Cedar Polished, Flat Square, Plain Stamped, 7 inches	per gross,

"EAGLE" CARPENTERS' PENCILS

No. **435** "Eagle" Cedar Polished, Oval, Plain Stamp, 7 inches . . . . . per gross, $

EAGLE LUMBER AND PACKAGE MARKER.

Extra Large Hexagon.

With Protective Covering—do not break when dropped.

Nos.	**450**	**451**	**452**	**453**
Colors,	Red	Blue	Green	Black
Per gross, $				

BEST COLORED CRAYONS, POLISHED CEDAR.

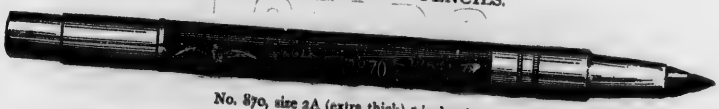
No. **755** Blue, Polished Cedar . . . . . per gross, $
No. **757** Green, Polished Cedar . . . . . per gross,
No. **785** Sun, Red and Blue, Hexagon, 7 inches . . . . . per gross,

EAGLE COLORED SLATE CRAYONS.

Encased in Wood, like Lead Pencils, in Four Colors.

Nos.	**955**	**956**	**957**	**958**
Colors,	Blue	Red	Green	Yellow
Per gross, $				

EAGLE AUTOMATIC PENCILS.



No. 870, size 2A (extra thick) 5 inches long.

No. **870** Size 2A, Red, Blue or Green . . . . . per dozen, $

AUTOMATIC PENCILS

Put up one dozen in Magic Box.

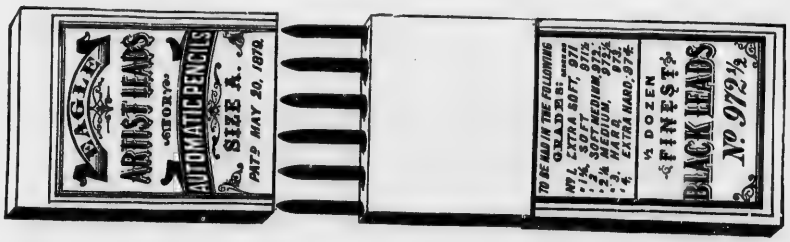
Size A, 5 inches long

No. **861** Automatic Pencils, with Copying or Black Leads - - - - - - per dozen, $

Size B, 3¾ inches long.

No. **3861** Automatic Pencils, with Copying Leads - - - - - - - per dozen, $

AUTOMATIC LEADS.



No. **921** Soft, size A, Copying (6 leads in flat box) - - - - - - - per dozen boxes, $
No. **1921½** Soft, size B, Copying (12 leads in flat box) - - - - - - - per dozen boxes,
No. **972½** Medium, size A, Black (6 leads in flat box) - - - - - - per dozen boxes,

DIXON'S LEAD PENCILS.

All kinds are packed in ½ gross boxes.

CARPENTERS' PENCILS.

No. **235** White Wood, Oval, 7 inch, Blue Stamp - - - - - - - - per gross, $
No. **410** Polished Cedar, Oval, 7 inch, Dead Stamp - - - - - - - - per gross,

DIXON'S LEAD PENCILS

DEAD STAMP.

No. **259**	Plain Cedar, Round	per gross, $
No. **258**	Polished Cedar, Round	per gross,
No. **254**	Polished Black, Round	per gross,
No **262**	Polished Red, Round	per gross,

GILT STAMPED.

No. **246**	"Red Coat," Round	per gross, $
No. **245**	"Red Coat," Hexagon	per gross,
No. **253**	"Jet Black," Round	per gross,
No **251**	"Raven No. 2," Round	per gross,

WITH RUBBER TIP.

INSERTED RUBBER.

No. **265**	"Daisy," Polished Cedar, Dead Stamp,	per gross, $
No. **266**	"Daisy," Polished Black, Dead Stamp,	per gross,
No. **267**	"Daisy," Polished Red, Dead Stamp,	per gross,

No. **251**, half gross in a box.

All other numbers, one gross in a box

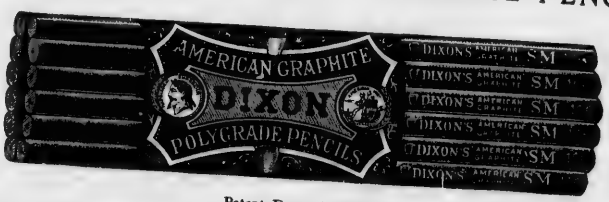
HEXAGON HEAD.

No. **263**	Polished Red, Round, Dead Stamp,	per gross, $
No. **373**	Polished Black, Round, Dead Stamp,	per gross,
No. **377**	"Jet Black," Round, Gilt Stamp,	per gross,
No. **378**	"Red Coat," Round Gilt Stamp,	per gross,
No. **409**	"Red Coat," Hexagon, Gilt Stamp,	per gross,

WEDGE HEAD.

No. **462**	Polished Black, Round, Dead Stamp,	per gross, $
No. **379**	Hexagon Rubber Tips,	per gross,

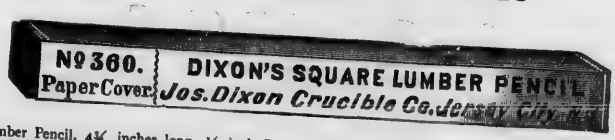
DIXON'S FINE AMERICAN GRAPHITE PENCILS



Patent Dozen Package.

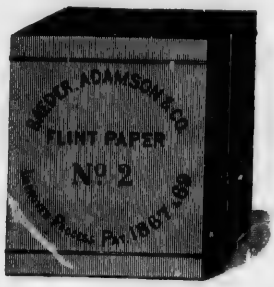
GOLD STAMP.			ROUND PENCILS.				HEXAGON PENCILS.			DEAD STAMP PLAIN FINISH.	
Stamp.	Explanation of Stamp.	Old Style of Numbering.	Black.	Maroon	Cedar Finish.	Satin Finish.	Maroon	Cedar Finish.	Satin Finish.	Round.	Hexagon
			Nos.	Nos.	Nos.	Nos.	Nos	Nos.	Nos.	Nos.	Nos.
S.	Soft	1	....	....	141	151	....	122	166	...	....
S. M.	Soft Medium	2	106	111	142	152	116	123	167	249	247
M.	Medium	3	107	112	143	153	117	124	168	250	248
H.	Hard	4	....	....	144	154	....	125	169	....	...
V. H.	Very Hard	5	....	....	145	155	....	126	170	....	....
	Half gross in a box.		Per gross, $				Per gross,			Per gross,	Per gross,

DIXON'S LUMBER PENCILS



No. **360** Dixon's Lumber Pencil, 4¾ inches long, ½ inch Square, Solid Black Lead, with Paper Wrapper pasted on, one-half gross in a box . . . . . per gross, $

BAEDER, ADAMSON & CO.'S
AND "ANCHOR"
SAND AND EMERY PAPER AND EMERY CLOTH



"FLINT" SAND PAPER.

Nos.	00	0	½	1	1½	2	2½	3	Assorted 0 to 3
Per ream,	$5 50	5 50	5 50	5 50	5 50	6 00	6 00	6 00	5 50
Bundle contains,	5	5	4	3½	3	2½	2	1½	2½ reams.

Half ream in a package.

EXTRA FLINT PAPER IN ROLLS.

23½ Inches Wide.

Nos.	00	0	½	1	1½	2	2½	3	3½	4
Per roll,	$6 00	6 00	6 00	6 00	6 00	6 50	7 00	7 50	8 50	9 50

Fifty yards in a roll.

"ANCHOR" SAND PAPER.

Nos.	00	0	½	1	1½	2	2½	3	Assorted 0 to 3
Per ream,	$4 50	4 50	4 50	4 50	4 50	5 00	5 00	5 00	4 50
Bundle contains,	5	5	4	3½	3	2½	2	1½	2½ reams.

Half ream in a package.

EMERY PAPER.

Nos.	00	0	½	1	1½	2	2½	3	Asst'd 00 to 1½
Per ream,	$7 50	7 50	7 50	7 50	7 50	8 50	10 50	12 50	7 50
Bundle contains,	4½	4	3½	3	2½	2	1½	1½	2½ reams.

Half ream in a package.

EMERY CLOTH.

Nos.	00	0	100	½	1	1½	2	2½	3	Asst'd 00 to 1½
Per ream,	$20 00	20 00	20 00	20 00	20 00	20 00	22 00	26 00	28 00	20 00
Bundle contains,	2½	2½	2	2	1¾	1½	1¼	1	¾	2 reams.

Quarter ream in a package.

CROCUS CLOTH.

Crocus Cloth . . . . . per ream, $20 00

Quarter ream in a package, a full bundle contains two reams.

COMPARATIVE NUMBERS OF EMERY.

Baeder, Adamson & Co.'s Numbers,	00	0	100	½	1	1½	2	2½	3
English Numbers,	Flour	120	100	90	80	70	60	54	46
Per Pound, $									

EMERY WHEELS

THE BRASS WIRE WEB.

ORDINARY PATTERNS OF EMERY WHEELS.

In ordering Emery Wheels of any of the above patterns the number only need be mentioned.

IN ORDERING EMERY WHEELS PLEASE NOTE PARTICULARLY THE FOLLOWING ITEMS:

1. Diameter and thickness of Wheel and size of Mandrel Hole.
2. Whether Wheel is to grind surfaces or edges.
3. The metal to be ground—wrought or cast iron, steel or brass, etc.
4. Description of work to be done by the Wheel, coarse or fine.
5. Speed of Mandrel.
6. Is work held in hand or held mechanically and fed up to the Wheel?

HARDWARE CO.

REVISED PRICE LIST OF EMERY WHEELS.

Diameter of wheels in Inches	THICKNESS IN INCHES.															Revolutions per minute
	⅛	¼	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	
1½	$0 40	45	50	55	60	65	70	75	80	85	90	95	1 00	1 05	1 10	10,000
2	50	55	60	65	70	75	80	85	90	95	1 00	1 05	1 10	1 15	1 20	10,000
2½	65	75	85	95	1 05	1 15	1 25	1 35	1 45	1 55	1 05	1 75	1 85	1 95	2 05	8,000
3	80	95	1 10	1 25	1 40	1 55	1 70	1 85	2 00	2 15	2 30	2 45	2 60	2 75	2 90	7,400
3½	95	1 15	1 35	1 55	1 75	1 95	2 15	2 35	2 55	2 75	2 95	3 15	3 35	3 55	3 75	6,400
4	1 10	1 35	1 60	1 85	2 10	2 35	2 60	2 85	3 10	3 35	3 60	3 85	4 10	4 35	4 60	5,450
4½	1 25	1 55	1 85	2 15	2 45	2 75	3 05	3 35	3 65	3 95	4 25	4 55	4 85	5 15	5 45	4,900
5	1 40	1 80	2 20	2 60	3 00	3 40	3 80	4 20	4 60	5 00	5 40	5 80	6 20	6 60	7 00	4,400
6	1 75	2 40	3 00	3 70	4 35	5 00	5 65	6 25	6 80	7 45	8 10	8 75	9 40	10 00	10 50	3,600
7	2 15	3 00	3 85	4 70	5 55	6 40	7 25	8 10	8 90	9 70	10 50	11 30	12 10	12 90	13 70	3,150
8	2 60	3 60	4 60	5 60	6 60	7 60	8 60	9 60	10 60	11 60	12 60	13 60	14 60	15 60	16 60	2,750
9	3 10	4 35	5 60	6 75	7 50	8 75	10 00	11 25	12 50	13 75	15 00	16 25	17 50	18 75	20 00	2,450
10	3 60	5 10	6 60	8 00	9 30	11 00	12 40	13 75	15 25	16 75	18 15	19 50	21 00	22 25	23 75	2,200
12	4 00	5 75	7 35	9 00	10 70	12 25	14 00	15 70	17 40	19 00	20 70	22 25	24 00	25 75	27 40	1,850
14	6 25	8 45	10 65	12 90	15 10	17 40	19 40	21 80	24 00	26 30	28 60	30 75	33 00	35 40	37 50	1,600
16	8 00	10 85	13 70	16 50	19 40	22 25	25 00	27 90	30 75	33 65	36 40	39 25	42 00	45 00	48 00	1,400
18	9 50	13 25	17 00	20 75	24 50	28 25	32 00	35 75	39 50	43 25	47 00	50 75	54 50	58 00	62 00	1,250
20	12 00	16 00	20 50	25 00	29 00	33 50	38 00	42 50	47 00	51 50	56 00	60 50	65 00	69 50	74 00	1,100
22	14 50	19 00	25 00	29 87	35 50	41 12	46 75	52 00	58 00	63 50	69 25	74 00	80 50	85 00	91 75	1,000
24	17 00	22 00	29 00	36 00	43 00	50 00	57 00	64 00	71 00	78 00	85 00	92 00	99 00	105 00	112 00	925
30	.....	.....	.....	.....	.....	.....	87 50	.....	109 00	.....	131 00	.....	153 00	.....	175 00	735
36	.....	.....	.....	.....	.....	.....	127 00	.....	157 00	.....	188 00	.....	219 00	.....	250 00	550

For all Wheels thinner than ⅛ inch use list of ⅛ inch. N. B.—Wheels of any thickness between the above dimensions are listed the same as next size thicker.

GLUE

F. M.	French Medal Sheet	per lb., cents
No. 1	Sheet Special Cabinet Makers' Grades	per lb., cents
C. X.	Amber, Broken	per lb., cents
B X X	Kalsomine	per lb., cents
B	Common Kalsomine	per lb., cents
No. 1	White	per lb., cents
No. 1X	Extra White	per lb., cents

F. LE PAGE'S IMPROVED LIQUID GLUE.

STRONGEST ADHESIVE KNOWN.

IN BOTTLES FOR FAMILY USE.

Cements all kinds Wood, Glass, Crockery, Leather, Ornaments, Etc.

ALWAYS READY FOR USE.

For Carriages and all kinds of Wood and Cabinet Work.

GLUE IN TIN CANS FOR MECHANICS.

10 ounce Cans, (= ½ Pint wine measure) 2 dozen in case	per dozen, $ 3 00
20 ounce Cans, (= 1 Pint wine measure) 1 dozen in case	per dozen, 5 00
40 ounce Cans, (= 1 Quart wine measure) 1 dozen in case	per dozen, 8 50
5 pound Cans, (= ½ Gallon wine measure) ½ dozen in case	per dozen, 13 50
10 pound Cans, (= 1 Gallon wine measure) ½ dozen in case	per dozen, 24 00

IN BOTTLES FOR FAMILY USE.

Small Size, one dozen in box	per gross, $12 00
Large Size, one dozen in box	per gross, 18 00

BABBIT METAL

THURBER'S METAL.

No. 1 is for Heavy Bearings and Railway Boxes	per lb., 30 cents
No. 2 is for Rings and Journals running at high velocities	per lb., 25 cents
No. 3 is for Ordinary and General Purposes	per lb., 20 cents

PHILADELPHIA METAL.

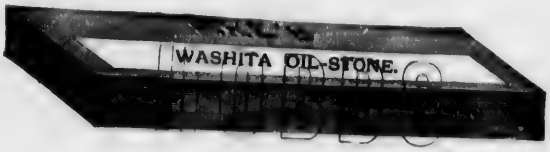
No. 1 Philadelphia Babbit Metal	per lb., 17½ cents
No. 2 Philadelphia Babbit Metal	per lb., 13 cents
No. 1 Ontario Babbit Metal	per lb., 12 cents

COPPERINE.

Spooner's Copperine	per lb., 20 cents

OIL STONES AND SLIPS

WASHITA OIL STONE.



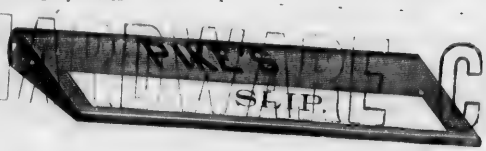
BEST WHITE WASHITA.

"Anchor" Brand, Best, 8 x 2 x 1⅛ inches	per lb.,	cents
Oil Stone, No. 1, 8 x 2 x 1⅛ inches	per lb.,	cents

MOUNTED IN MAHOGANY CASES.

WASHITA.

Washita, size 6 x 2 inches, in Mahogany Cases	per dozen, $	



Round Edge Slips, Washita No. 1	per lb.,	cents
Round Edge Slips, Washita Extra	per lb.,	cents
Round Edge Slips, Labrador	per lb.,	cents
Pen Knife Pieces, Washita, Assorted Sizes	per lb.,	cents

GENUINE TURKEY STONE.

Oil Stone, 4 to 8 inches	per lb.,	cents

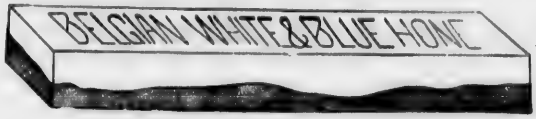
AXE BITTS

SAND STONE.

Assorted, Small, Medium and Large	per lb.,	cents

AXE STONE

Water of Air Axe Bitts . . . . . per dozen, $

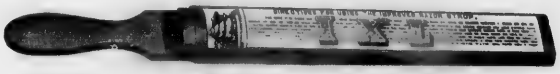


Belgian Razor Hones, Fine,	Inch,	5	6	7	8	9	10
	Per dozen, $						

RAZOR STROPS

No. **210** 11½ inches; Four Sides, 3 Leather, 2 Oil Dressed; Black Enameled Handle, Paste Cavity in end opposite Handle . . . . . per dozen, $

No. **50** 12¾ inches, Faultless Belt Strop, 2 Sides . . . . . per dozen, $



No. **220** 13½ inches, I. X. L., Half Round . . . . . per dozen, $

No. **4** 13 inches, Faultless Combination Strop, Red Face . . . . . per dozen, $

RAZOR STROPS

No. **8** 13½ inches, Currier Combination Strop . . . per dozen, $

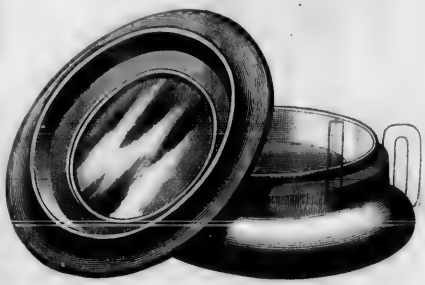
No. **280** 13½ inches, Enameled Handle, super quality . . . . . per dozen, $

No. **1** 13½ inches, Calf Leather . . . . . per dozen, $

No. **9** 14 inches, Leather Case . . . . . per dozen, $

No. **70** 14½ inches, Leather Case, Russia Leatherette Belt . . . . . per dozen, $

SHAVING BOXES



POLISHED CHERRY CASE, PORCELAIN CUP, WITH MIRROR.

No. **11** Shaving Boxes . . . per dozen, $
No. **12** Shaving Boxes . . . per dozen,

No. **10** With Zinc Cup . . . per dozen, $
No. **7502** With Glass Cup . . . per dozen,

THERMOMETERS

FIG. 1.

FIG. 2.

FIG. 3.

FIG. 4.

FIG. 5.

FIG. 6.

Fig. 1	Tinned Case, Japanned	inch,	7	8	10
		per dozen,	$		
Fig. 2	Flange Dairy	inch,	7	8	10
		per dozen,	$		
	Bright Tin Case Dairy	inch,	7	8	10
		per dozen,	$		

Fig. 3	All Glass Floating Dairy Thermometers	per dozen, $
	Round Glass Thermometers, with Nickel Brackets	per dozen,
Fig. 4	No. 34/20, Black Enameled Back, Graduated on Face, Tube Sunk, Nickel Trimmings	per dozen,
	8 inch Garden Thermometer, Boxwood Back, Graduated on Face, Raised Tube	per dozen,
Fig. 5	10 inch, Boxwood Back, Graduated on Face, Raised Tube	per dozen.
Fig. 6	10 inch, Heavy Plate Glass, Figures Annealed, with Brass Arms	per dozen,

THERMOMETERS FOR DECORATIVE ART AND FANCY WORK.

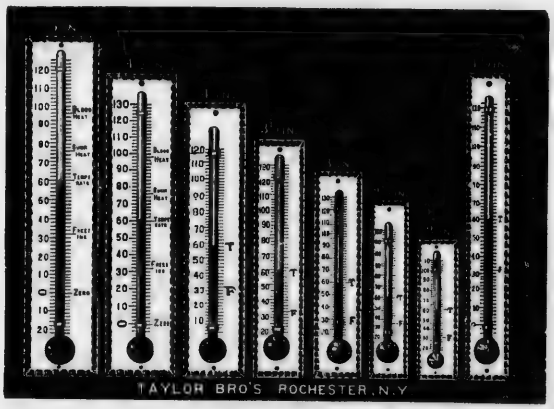


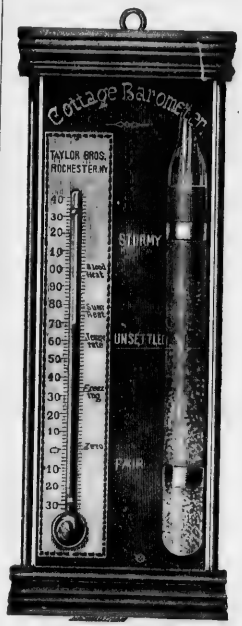
FIG. 7.

Fig. 7	Assorted from 2 to 5 inches	per gross, $

THERMOMETERS

AND

STORM GLASSES



No. 58.

Nos. 65 to 85.

ROUND THERMOMETERS.

No. **65**	Dial 4 inches, Brass Case	each, $
No. **75**	Dial 5 inches, Brass Case	each,
No **85**	Dial 8 inches, Brass Case	each,

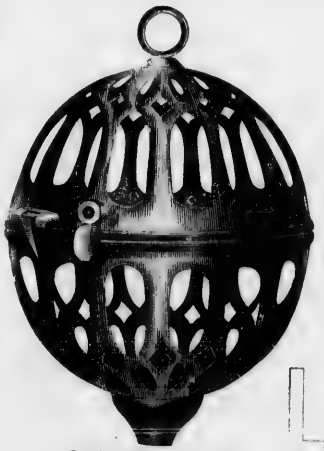
The above Thermometers give a new method of determining the temperature, and have the high merit of great accuracy.

STORM GLASSES.

No. **58** Cottage Barometer, Thermometer and Storm Glass, mounted on a Black Background, Cherry Mouldings ornament either end, united at the sides by Bright Wire Rods . . . . . per dozen, $

HOBBS HARDWARE CO.

TWINE BOXES



One-half size cut of No. 6.
HANGING.

ENAMELED.

No. **6** Enameled . . . . . per dozen, $

LONDON

TWINE BOXES

Three-quarter Size Cut of No. 1412.

One-half Size Cut of No 4.

No. **1412**	Maroon Finish	per dozen, $
No **4**	Enameled and Gold Bronzed, for Large Balls of Twine	per dozen,

PAPER FILES

One-half Size Cut of No. 40.

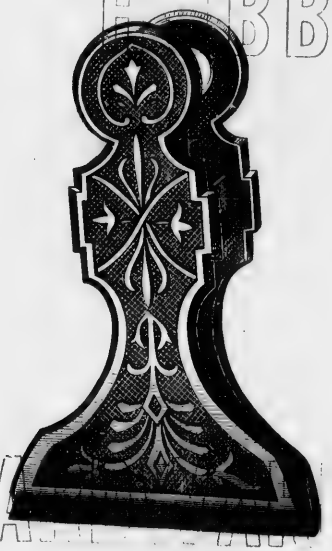
One-half Size Cut of No. 80.

One-half Size Cut of No. 3.

No. **40**	Enameled, with Iron Tinned Wires 4½ inches long	per dozen, $
No. **5**	As No. 40, with Wires 7 inches long	per dozen,
No. **80**	Enameled, with Tinned Wires 5 inches long	per dozen,
No. **3**	Adamantine Bronzed, with Tinned Wires	per dozen,
No. **46**	Enameled, Square Base, with Bent Wires, to hang	per dozen,

PAPER CLIPS

Full Size Cut of No. 0.



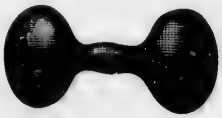
Full Size Cut of No. 1.

Full Size Cut of No. 3.

ADAMANTINE BRONZED.

No. 0	Adamantine Bronzed	per dozen, $
No. 1	Adamantine Bronzed	per dozen,
No. 3	Adamantine Bronzed	per dozen,

DUMB BELLS



JAPANNED.

SIZES 2, 3, 4, 5, 6, 8, 10, 12, 16, 20, 24, 28 AND 36 POUNDS EACH.

Dumb Bells, any weight . . . . . per lb., cents

TOBACCO CUTTERS

Style of No. 2.

IRON FRAME.

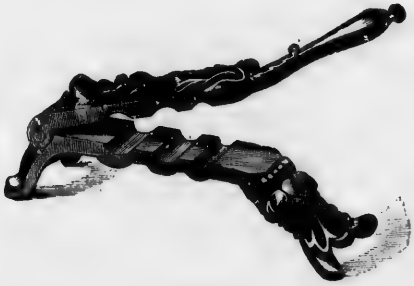
No. 2 For cutting any size, Painted and Bronzed, 3 inch Knife - - - - per dozen, $

Style of No. 1.

ON MAPLE BOARD.

No. 1 For making fine cut only from plug, Japanned, 3 inch Knife - - - - per dozen, $

CORK PRESSERS

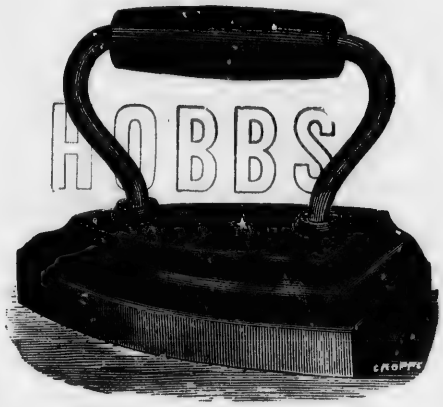


Half size cut.

JAPANNED.

No. 1 Japanned - - - - - - - - - - per dozen, $

SAD IRONS



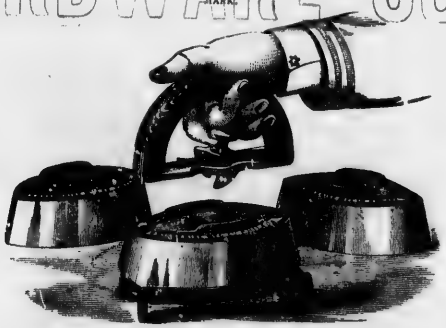
JAPANNED HANDLE AND TOP.

5 to 10 pounds . . . . . per pound, $

MRS. POTTS' COLD HANDLE, DOUBLE POINTED

SAD IRONS.

TRADE [MRS. POTTS' IRONS] MARK.



Three Irons, one Handle and Stand constitute a Set as represented in cut.

THERE ARE THREE SIZES IN EACH SET.

No. **1** weighs four pounds, has one round end for polishing or glossing, and is very suitable for light work.
No. **2** weighs five pounds, and is for general use.
No **3** weighs six pounds, and is suitable for Tablecloths, Sheets, etc.

FULL SETS.

No. **50**	Nickel Plated	per set, $
No. **55**	Plain Polished	per set,
Extra Handles		per dozen,
Extra Stands		per dozen,

MRS. POTTS' COLD HANDLE, DOUBLE POINTED

CHINESE POLISHING IRONS

The Iron has all Round Edges, and is adapted for Laundry and General Polishing purposes.

		Per dozen Irons, with Handles. $
No. 80	Nickel Plated, weighs 4½ pounds	
No. 85	Plain Polished, weighs 4½ pounds	
No. 82	Nickel Plated, weighs 3 pounds	
No. 87	Plain Polished, weighs 3 pounds	

SELF-HEATING SAD IRONS

SINGLE AND DOUBLE FLUE CHARCOAL IRONS.

Nos. 5 and 6, Tailors'.

POLISHED EDGES AND FACE, GREEN AND GOLD TOPS.

			Single Flue. $	Double Flue. $
No. 3	7 x 3¾ inch face, weight 7½ pounds	each,		
No. 4	6¼ x 4½ inch face, weight 8 pounds	each,		
No. 5	10½ x 3 inch face, weight 12 pounds	each,		
No. 6	12 x 3½ inch face, weight 13½ pounds	each,		

TAILORS' SMOOTHING IRONS

EXTRA POLISHED FACE.

SIZES 12, 14, 16, 18, 24, 26 AND 30 POUNDS EACH.

12 to 30 pounds - - - - - - - - - - - - per pound, $

TOY SAD-IRONS AND STANDS

Style of No. 29.

Style of Nos. 2 and 4.

No. **29**	Duck Pattern, Assorted Colors, Length of Iron 2¼ inches - - - -	per dozen sets, $
No. **2**	Japanned, Length of Iron 2¾ inches, Weight 8 ounces - - - - -	per dozen sets,
No. **4**	Japanned, Length of Iron 3¾ inches, Weight 16 ounces - - - -	per dozen sets,

SAD-IRON STANDS

Style of No. 1.

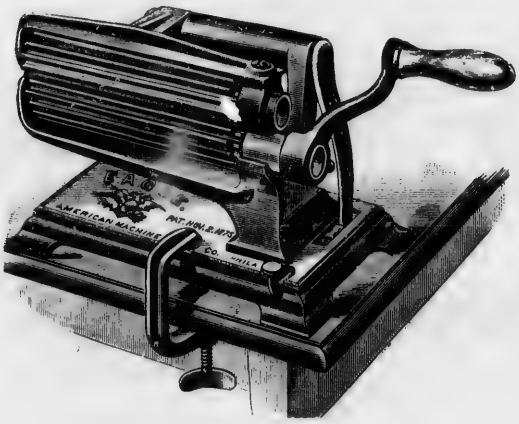
Style of Nos. 50 and 51.

PLAIN AND ENAMELED.

No. **1**	7 x 3¾ inches, Plain	per dozen, $
No. **50**	9 x 4 inches, Plain	per dozen,
No. **51**	9 x 4 inches, Enameled	per dozen,

For Extra Stands for Mrs. Potts' Irons, see Page 722.

FLUTING MACHINES



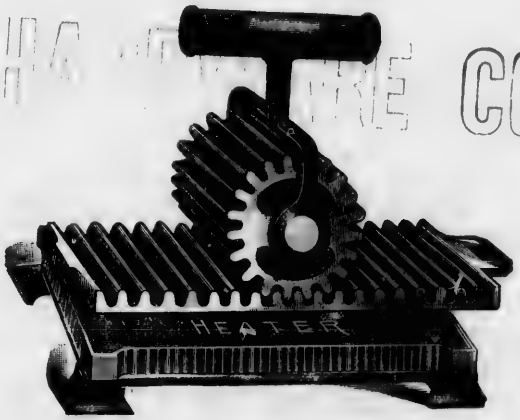
"EAGLE."

"Eagle," 5½ inch Flutes . . . . . each, $

GENEVA HAND FLUTER

Brass Base . . . . . each, $

SHEPHERD HAND FLUTER



NICKEL PLATED PLATE AND ROLLER.

TWO HEATERS WITH EACH FLUTER.

No. **85** Roller 2½ x 3¼ inches, Corrugated Plate, 6¾ x 3¼ inch . . . . . each, $

CURLING TONGS

One-half Size Cut of No. 2249.

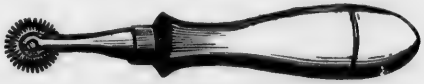
No. **2249** Curling Tongs - - - - - - - - - - per dozen, $

PINKING IRONS.

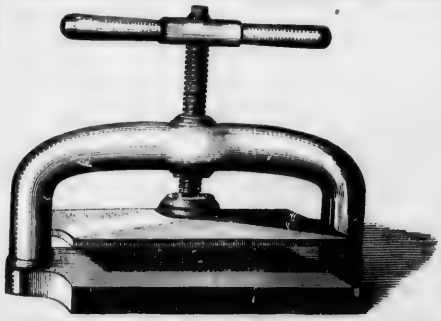
No. 59.

No. **59** Solid Cast Steel, all Bright, Oval, Scolloped Teeth 3/8, 1/2, 5/8, 3/4, 7/8 and 1 inch - per dozen, $

TRACING WHEELS.



No. **50** Black Handles - - - - - - - - - - - per dozen, $



COPYING PRESSES.

SCOTCH PATTERN.

WITH WHEEL, BALL LEVER, OR BAR, AS PER CUT.

No. **4**	9½ x 11¾ inches	- -	each, $
No. **5**	10¾ x 13¾ inches	- -	each,
No. **4½**	10½ x 15½ inches	- -	each,

TUCKER'S ALARM TILL.

The best Alarm Till made.

Each - - - - - - - $

TACK CLAWS

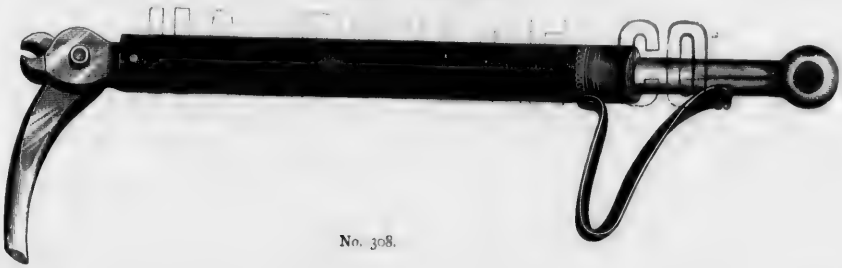
No. 1.

No. 1 Tack Puller . . . . . per dozen, $

TACK PULLERS

"Little Jack" Tack Puller . . . . . per dozen, $

NAIL PULLERS



No. 308.

Small Nail Puller . . . . . each, $
Large Nail Puller . . . . . each,

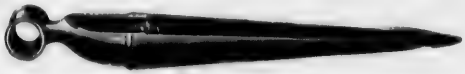
WROUGHT NAIL CLAWS

One-third Size Cut of No. 1.

WROUGHT IRON, JAPANNED.

No. 1 Wrought Nail Claw, Japanned . . . . . per dozen, $

IVES' BUNG BORERS



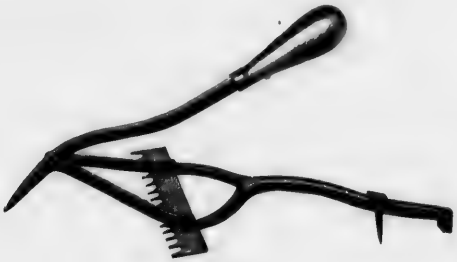
No. 1.

No. 4.

No. 1	Bunghole Borers	per dozen, $
No. 4	Bunghole Borers	per dozen,

CARPET STRETCHERS

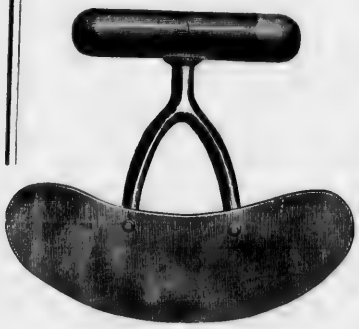
No. 1.



Bullard's.

No. 1	Carpet Stretchers, Steel Blades	per dozen, $
	Bullard's Carpet Stretchers	per dozen,

MINCING KNIVES



No. 3.

No. 10.

No. 50.

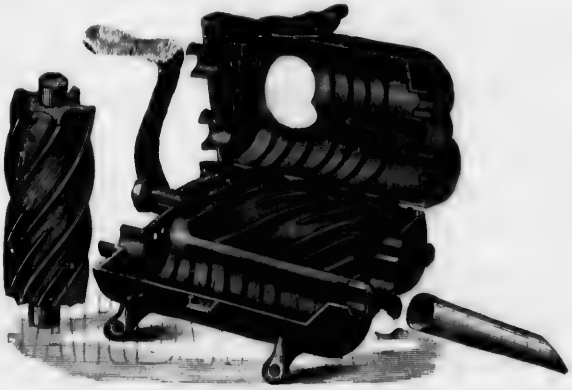
No. 2	Single Tang, Unpolished Blade	per dozen, $
No. 3	Brace Shank	per dozen,
No. 10	Double Polished Blade and Shank	per dozen,
No. 50	Polished Blade, Japanned Handle	per dozen,

SAUSAGE FILLER

JAPANNED.

No. **0** For Butchers' use . . . . . per dozen, $

PERRY'S MEAT CUTTERS.



Style No. 11.

No. **1**	5 inch Cylinder, Single	per dozen, $
No. **2**	6 inch Cylinder, Single	per dozen,
No. **111**	5 inch Cylinder	per dozen,
No. **112**	6 inch Cylinder	per dozen,

LARGE FAMILY SIZE NO. 10.

ENTERPRISE MEAT CHOPPER.

No. 10.

Weighs 8 lbs., chops over 2 lbs. per minute, each, **$3 00**

No. 12.

Weighs 7 lbs., chops over 2 lbs. per minute, each, **$2 50**

This Chopper differs from No. 10 only in its having Legs instead of Clamps, and requires to be Screwed to the Table.

Enterprise Meat Chopper.

No. **22**	Weight 12 pounds, chops 3 pounds per minute	each, **$4 00**
No. **32**	Weight 18 pounds, chops 4 pounds per minute	each, **6 00**
No. **42**	Weight 39 pounds, chops 5 pounds pork per minute	each, **15 00**

Extra Plates supplied to order. Sizes: 5/32, ¼, 5/16 and ⅜ inch hole.

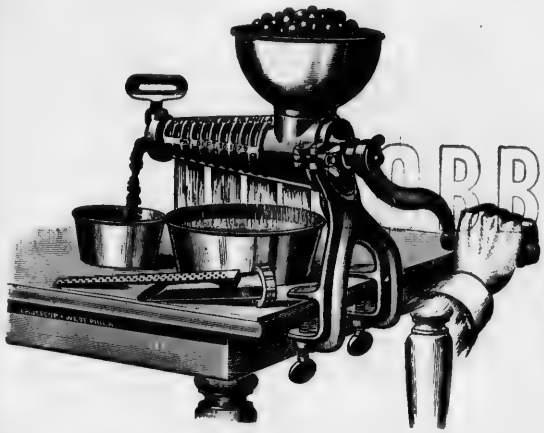
Combined Sausage Stuffer, Fruit and Lard Press.

Rack Movement.

Screw Movement.

No. **15**	2 Quart, Japanned, Screw	each, **$3 00**
No. **25**	4 Quart, Japanned, Screw	each, **5 00**

Combination Fruit, Wine and Jelly Press.



Cherry Stoners.

Combination Fruit, Wine and Jelly Press . . . . . each, **$8 00**
Cherry Stoners . . . . . per dozen,

THE "GEM"

Fruit and Vegetable Press and Strainer.

A Potato Masher, Sauce Strainer, Jelly Press and Colander Combined, in One Strong, Light, Cheap, Handy Utensil.

Price . . . . . per dozen,

IMPROVED

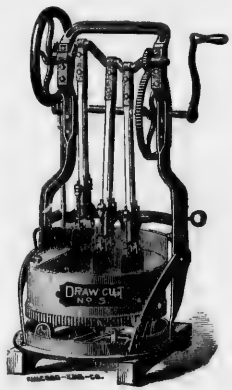
DRAW CUT MEAT CHOPPERS

CROOKED SHAFTS OF FORGED STEEL ON ALL MACHINES

IRON PITMANS WITH IMPROVED BOXES TO TAKE UP WEAR.

HAND CHOPPERS.

ALL THESE CHOPPERS HAVE FORGED STEEL SHAFTS, IRON PITMANS AND NEW STYLE BOXES.



No. 5 Weight, 300 Lbs. Price, $45 00.

The No. 5 Hand Chopper is made exactly like the No. 2, but smaller. Its block is 20 inches across; length of knife, 9 inches. It will cut 16 to 18 pounds of meat in twelve minutes.

No. 6 Weight, 400 Lbs. Price, $75 00.

This Chopper has four knives, each 11½ inches long; block 28 inches. It will chop 30 pounds of meat in 12 minutes as well as the best butcher can with a rocker; is easy and light for one man to run, or can be run by small boys. But one knife touches the block at one time, and this with the drawing cut, makes it run so light.

No. 2 Weight, 430 Lbs Price, $65 00.

The No. 2 Chopper has three knives; has same size tank and block as the No. 6 (28 inches); its knives are longer, (13 inches); it cuts nearly as much meat, and runs easier: we recommend it as being the best Chopper for the price that we manufacture.

There never was a Hand Chopper made, before the invention of the "Draw Cut," that was not either a "man killer," or else it would not cut the meat fit for sausage. It was thought at one time that no Hand Chopper could be made that would work as easy and cut the meat as well as a rocker.

We guarantee that the "Draw Cut Hand Choppers" will cut the meat as well as the best butcher can do it with a Rocker; and women and boys can run them because the movement of the knives is such that there is no pounding and cutting into the block. You cut meat only, and not wood, with these Choppers.

Made in three sizes of Hand Choppers, as shown.

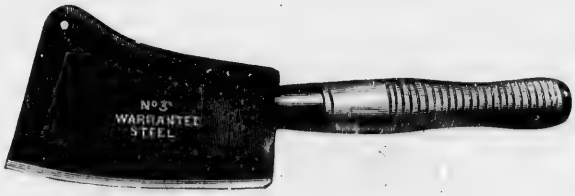
"No. 5," the smallest size, can be run by a boy ten years old.

"No. 6," the largest size, is provided with two cranks, so that it can be run by two boys, but is easy work for one man to run it alone; in which case the other crank can be taken off, or if left on will make no difference.

"No. 2" is an intermediate size, but does a great deal more work than the No 5, and very nearly as much as the No. 6. It runs easier than the No. 6, and at the present reduced price is cheaper than the No. 5.

N. B.—A special feature of the above Choppers is the Plow, which turns the meat under the knives, and mixes it thoroughly, while the Chopper is running.

BUTCHERS' CLEAVERS



P. S. W. CO.

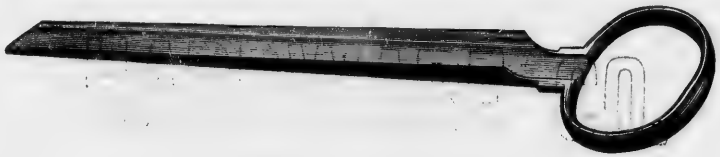
Nos.	0	1	2	3
Inches of Cut,	7	8	9	10
Per dozen,	$			

HERNSHAW'S ENGLISH CLEAVERS.

Inches,	8	9	10
Per dozen,	$		

Pork Packers' Cleavers supplied to order.

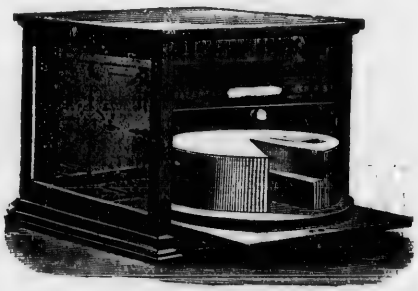
CHEESE AND BUTTER TRIERS



CAST STEEL AND NICKEL PLATED.

Inches,		6	12	18	20
No. 5	Polished Steel, per dozen,	$			
No. 10	Nickel Plated, per dozen,				

CHEESE SAFES



No. 6 Bronze Medal (wire) Cheese Safe, 26 inches high and 24 inches square . . . . . each,
No. 8 Bronze Medal (wire) Cheese Safe, 24 inches high and 22 inches square . . . . . each,

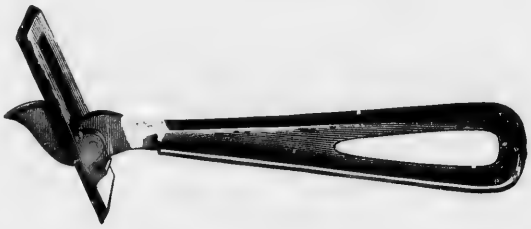
SAP SPOUTS

"EUREKA" SAP SPOUTS.

WITH WIRE HOOKS.

"Eureka" - - - - - - - - - - - - per hundred, $

CAN OPENERS



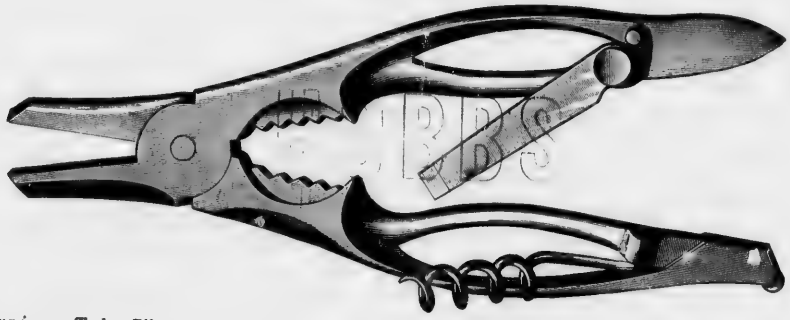
SPRAGUE.

No. 1 Sprague, Iron Handle - - - - - - - - - per dozen, $

"ACME."

"Acme," Large Ebony Handle, Nickle Plated Ferrule, Length 7½ inches - - - per dozen, $

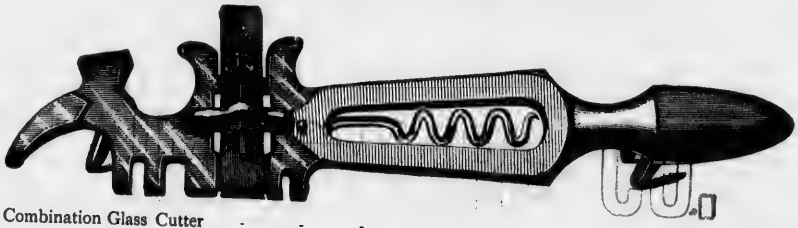
COMBINATION PLIERS



Combining in one Tool. Pliers, Cork Screw, Glass Cutter, Can Opener, Nut Cracker, Screw Driver, Gas Burner Plier.

Woodward Combination Pliers . . . . . per dozen, $

COMBINATION GLASS CUTTER

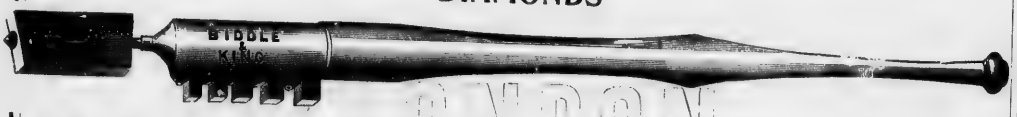


No. 8 Combination Glass Cutter . . . . . per gross, $

GLASS CUTTER AND PUTTY KNIFE

No. 0 Glass Cutter and Putty Knife . . . . . per gross, $

DIAMONDS



No. 8	Sheet, with Rack Head	each, $ 5 25
No. 3	Sheet, with Side Rack	each, 5 25
No. B	Sheet, without Rack	each, 6 38
No. A	Sheet, without Rack	each, 7 87
No. B	Plate, without Rack	each, 9 75
No. A	Plate, without Rack	each, 10 50
No. 0	Plate, Extra Large, with Side Rack and Starting Point	each, 13 50

Discount . . . . . per cent.

STEAK HAMMERS

TINNED.

No. 2 Steak Hammers, Tinned . . . . . per dozen, $

"ACME" ICE CHISEL

"Acme" Ice Chisel, Polished, with Hardwood Handle, length 9 inches . . . . per dozen, $

STEEL ICE PICKS

HARDWOOD HANDLES.

No. 00 Length, 8 inches of 5/16 inch Steel . . . . . per dozen, $

PATENT ICE CRUSHER

A NECESSITY FOR HOSPITALS, HOTELS, RESTAURANTS,
AND PRIVATE FAMILIES.

Patent Ice Crusher . . . . . each, $

ICE CREAM FREEZERS

"GEM." "CROWN."

"GEM" ICE CREAM FREEZER.

Size,	2 qt.	3 qt.	4 qt.	6 qt.	8 qt.	10 qt.	14 qt.
Price, each,	$3 75	4 50	5 50	7 00	9 00	11 00	14 00

"CROWN" ICE CREAM FREEZER.

DOUELE ACTION, WITH FLY WHEEL.

Size,	8 qt.	10 qt.	14 qt.	18 qt.	24 qt.	32 qt.
Price, each,	$13 00	16 00	20 00	25 00	30 00	37 50

LEMON SQUEEZERS

No. 2½ Best Malleable Iron, Tinned - - - - - - - - per dozen, $

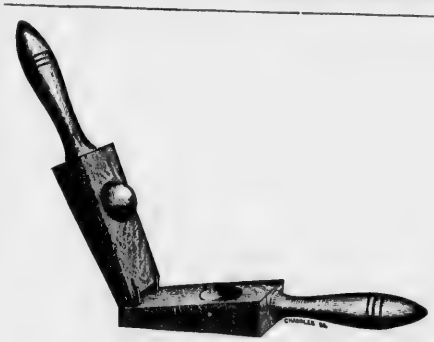
"ACORN" LEMON SQUEEZERS

"ACORN."

"Acorn," Refined Malleable Iron, Tinned - - - - - - - per dozen, $

"KING" LEMON SQUEEZERS

"King," Japan Finish, with strong detachable Glass Bowl, which rests upon a Gum Ring - - per dozen, $



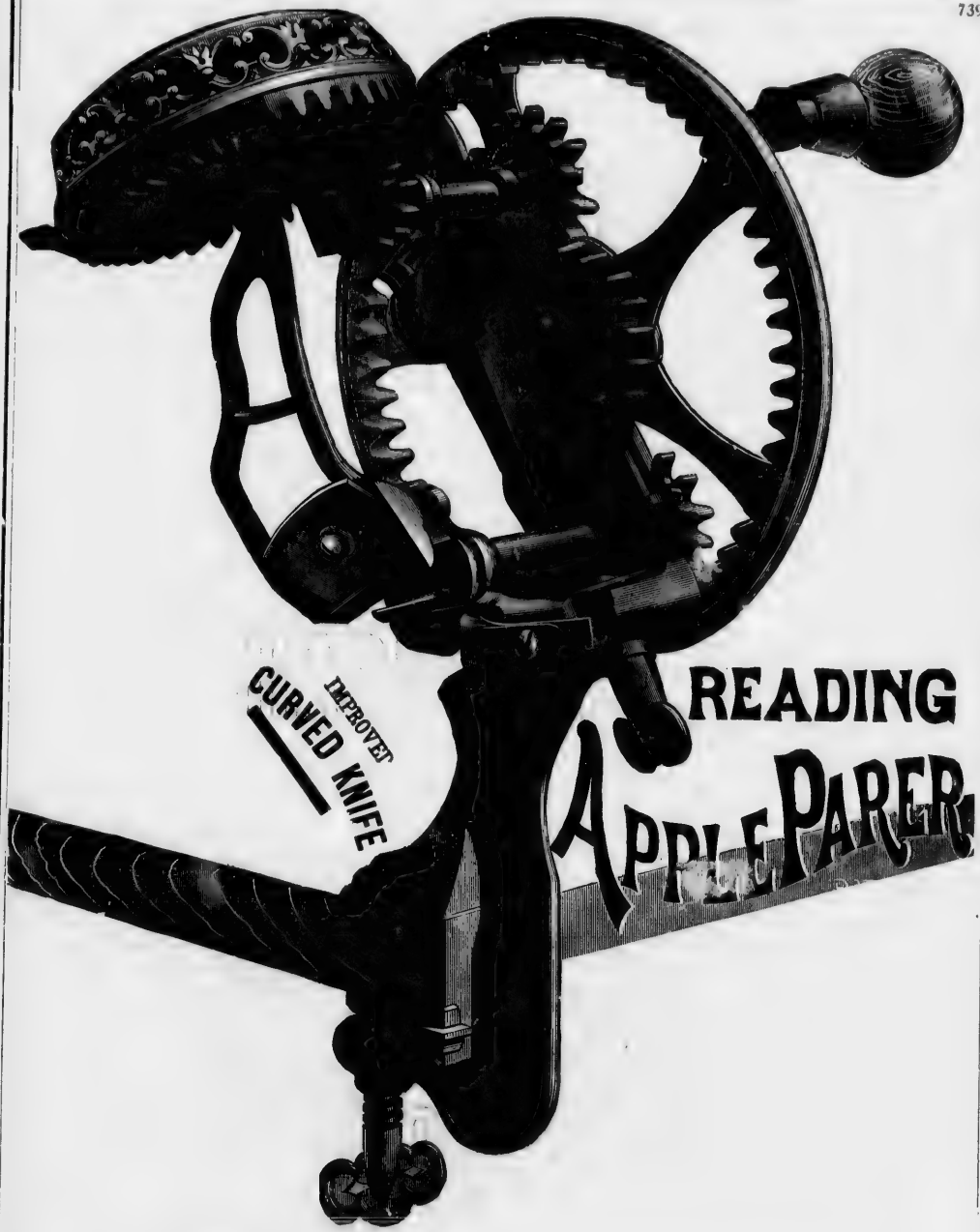
No. 1.

PORCELAIN AND WOOD.

No. 1 Lemon Squeezers - - per dozen, $

"The Hotchkiss" Lever Squeezer - - per dozen, $

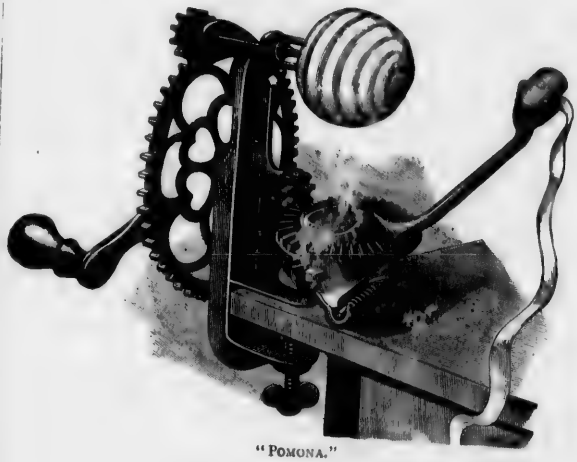
"The Hotchkiss."



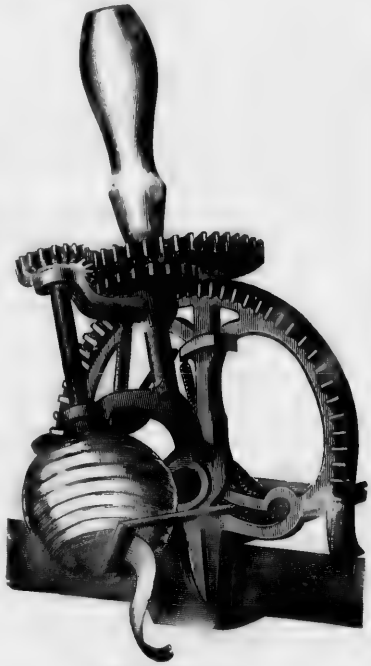
THIS CELEBRATED PARER IS KNOWN TO ALL BY ITS WELL-DESERVED REPUTATION.

Reading Apple Parer, with Automatic Push-off . . . . . per dozen, $

APPLE PARERS



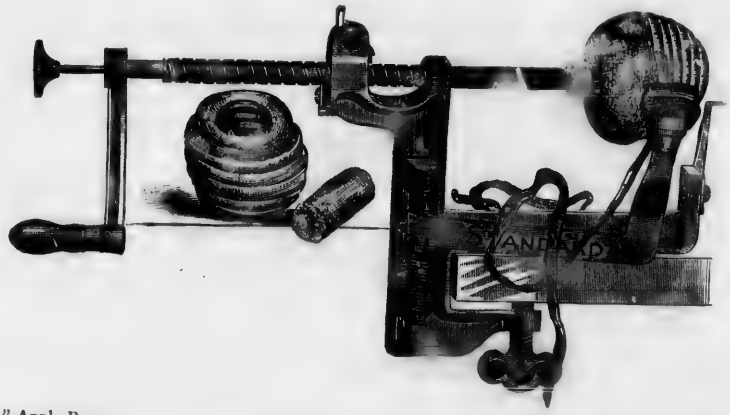
"POMONA."



NEW "LIGHTNING."

The "Pomona" Apple Parer . . . . . per dozen, $
New "Lightning" Apple Parer . . . . . per dozen,

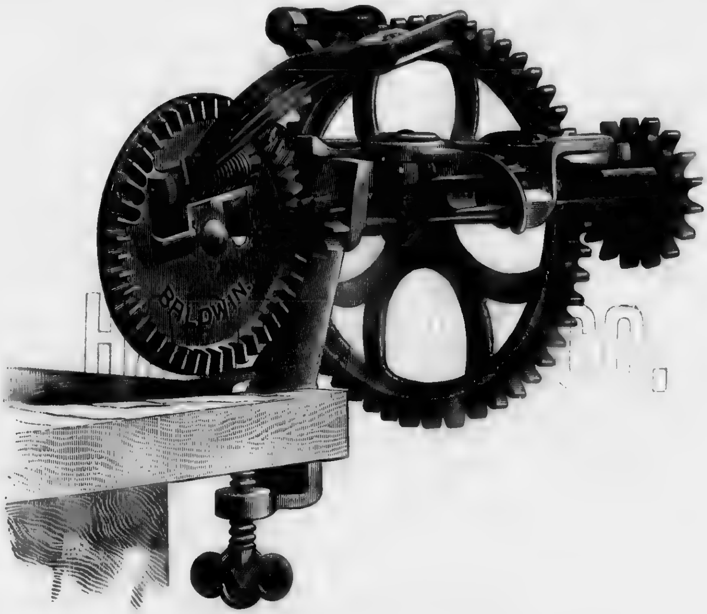
THE "STANDARD" APPLE PARER.



The "Standard" Apple Parer . . . . . per dozen, $

APPLE PARERS

THE BALDWIN.



WITH AUTOMATIC PUSH-OFF.

This Parer has all the Latest Improvements; will pare apples of any size and shape, and remove them from the Fork automatically.

The Baldwin Apple Parer - - per dozen, $

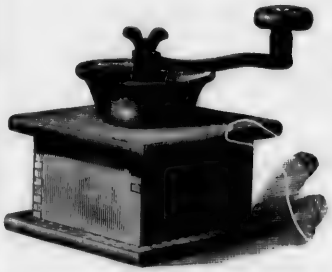
THE MOHAWK APPLE PARER.

Mohawk Parer - - - - - - - - - - - - - per dozen, $

COFFEE AND SPICE MILLS

BOX

WITH DOVETAILED BOXES



No. 4.

No. 4 With Iron Hopper . . per dozen, $

No. 1004.

No. 1004 With Iron Hopper . . per dozen, $

No. 31.

No. 31 With Enameled Iron Hopper . per dozen, $

No. 370.

No. 370 Enameled, Gold Bronzed Iron Cover, per dozen, $

SIDE MILLS

No. 4 Small Size Side Mill . . per dozen, $

No. 0 Large Size Side Mill . . per dozen, $

COFFEE AND SPICE MILLS

No. 11½.

This Mill has crank, iron hopper and closed drawer, holding from ¼ to ½ pounds coffee. The Mill may be opened in the same manner as the larger sizes, and is finished in vermillion and gold. Grinds nearly half pound coffee per minute.

No. **11½** - - - - each, **$3 00**

No. 12.

This Mill has one 9 inch fly-wheel with handle attached, iron hopper and closed drawer, holding from ¼ to ½ pound coffee. The Mill may be opened in the same manner as the larger sizes, and is finished in vermillion and gold. Grinds nearly half pound coffee per minute.

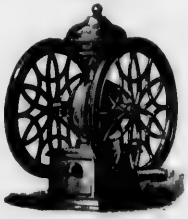
No. **12** - - - - each, **$3 75**

No. 12½.

This Mill has two 9 inch fly-wheels, with handle attached, iron hopper and closed drawer, holding from ¼ to ½ pound coffee. The Mill may be opened in the same manner as the larger sizes, and it is nicely finished and very ornamental. Grinds nearly half pound coffee per minute.

No. **12½** - - - - each, **$5 25**

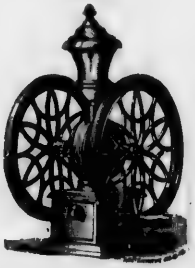
No. 13.



This Mill has a drawer for receiving coffee, two 12 inch fly-wheels, and is finished in the same manner as the larger sizes, in red and gold. Its method of opening is also similar, and is shown by cut. Capacity—About three-quarters of a pound coffee per minute.

No. **13** - - - - each, **$7 50**

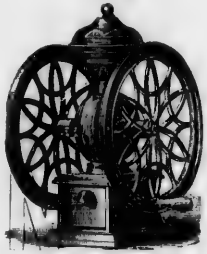
No. 13½.



This Mill is same size and capacity as No. 13, but having a brass or nickel plate hopper and drawer, and is very ornamental.

No. **13½** - - - - each, **$13 50**

No. 14.



This Mill has two 15 inch fly-wheels, iron hopper and drawer, is highly ornamented, the ground colors being red and gold. Capacity—About one pound coffee per minute.

No. **14** - - - - each, **$12 00**

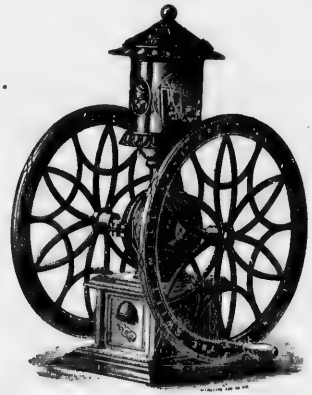
COFFEE AND SPICE MILLS

No. 14½.

This Mill has nickel plate hopper (or brass if preferred), two 15 inch fly-wheels, and standing 21½ inches high, grinding one pound of coffee per minute; finished in deep vermillion and gold, being profusely ornamented.

No. **14½** - - - - each, **$18 00**

No. 15.



This is a very neatly designed and convenient sized Mill, finished in vermillion, jet black and gold, having a close drawer for receiving coffee, with two 20 inch fly-wheels, and our patent method of opening for brushing out or removal of obstructions. Capacity—About 1½ pounds per minute.

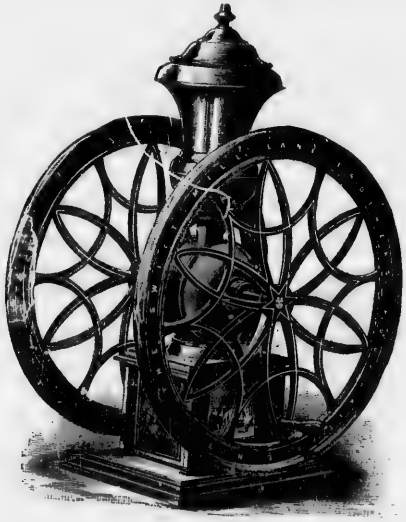
No. **15** - - - - each, **$22 50**

No. 15½.

This Mill has two 20 inch fly-wheels, a nickel plated hopper with dome top, and is in all respects highly finished, being similar to No. 15 in all parts except the hopper. Capacity—About 1½ pounds of coffee per minute.

No. **15½** - - - - each, **$30 00**

No. 20.

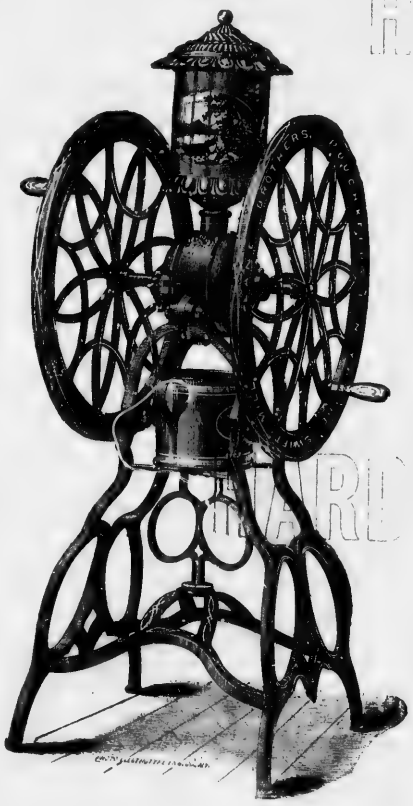


This Mill is profusely ornamented and finished in the best manner; has a nickel plated hopper and two 30 inch fly-wheels; a drawer for receiving coffee; detachable grinding plates of the most durable character, and is fitted with SELF-OILING BEARINGS. Capacity—By hand, about 2 pounds per minute.

No. **20** - - - each, **$52 50**

COFFEE AND SPICE MILLS

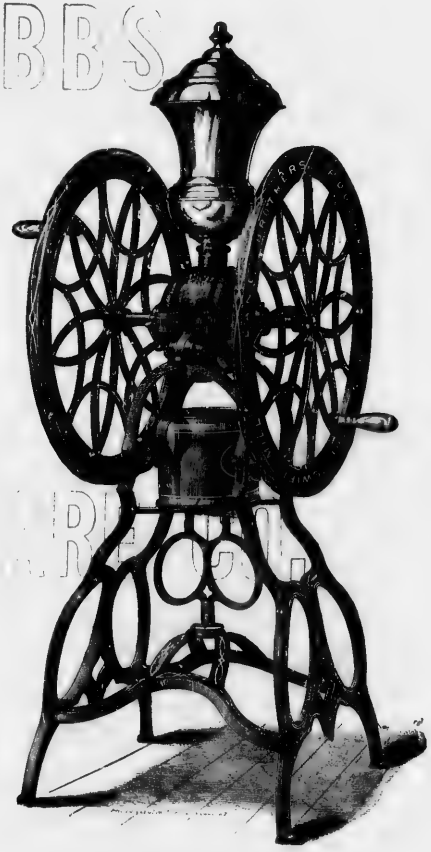
HOBBS HARDWARE CO. LONDON



No. **24.**

A handsome, finely finished Mill—5 feet 6 inches high—has two 30 inch fly-wheels. It has detachable grinding surfaces of the most durable kind, SELF-OILING BEARINGS. Capacity—Two pounds of coffee per minute.

No. **24** Price, boxed - - each, **$55 50**



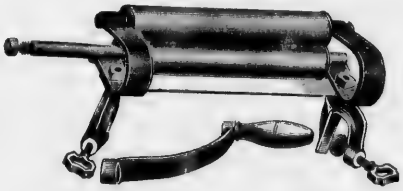
No. **26.**

The Mill stands 5 feet 6 inches high, and is finished elaborately. It has a burnished nickel plated hopper, two 30 inch fly-wheels, a receiver for coffee, detachable grinding surfaces of the most durable kind, SELF-OILING BEARINGS. Capacity—Two pounds of coffee per minute by hand.

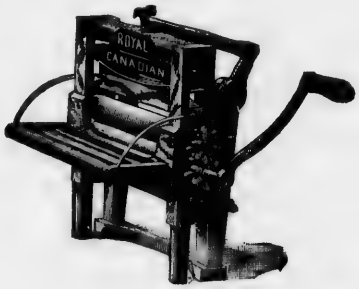
No. **26** Price, boxed - - each, **$67 50**

CLOTHES WRINGERS

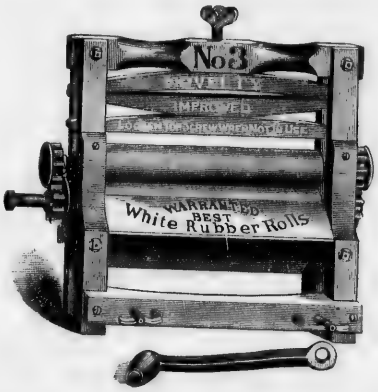
THE "SUNBEAM."



"ROYAL CANADIAN."



"Sunbeam" Wringer, Iron Frame, Heavily Galvanized, 10 inch - - - - - - per dozen, **$48 00**
"Royal Canadian" Wringer, 11 inch Rollers - - - - - - - - per dozen, **90 00**



THE "NOVELTY" WRINGER.

GALVANIZED COG WHEELS AT BOTH ENDS.

WOOD FRAME, HARD MAPLE.

No. **2** 10 inch Rollers - - - per dozen, **$78 00**
No. **3** 11 inch Rollers - - - per dozen, **84 00**

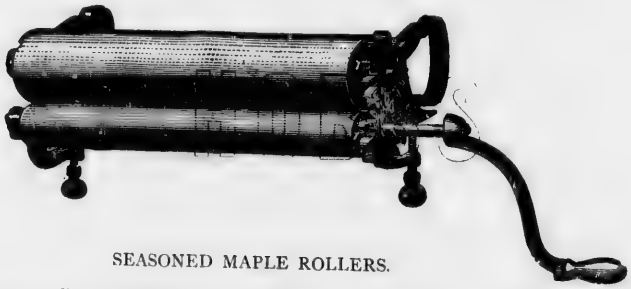
THE "EMPRESS" WASHER.

THE UPPER ROLLER OF HARD MAPLE. THE TWO LOWER ROLLERS OF ALTERNATE RINGS OF WOOD AND RUBBER.

Can be easily adjusted to fit any size wash tub. Will wash the largest blanket or counterpane in three minutes.

Price - - - - - - per dozen, **$72 00**

THE "DOMESTIC" MANGLE.



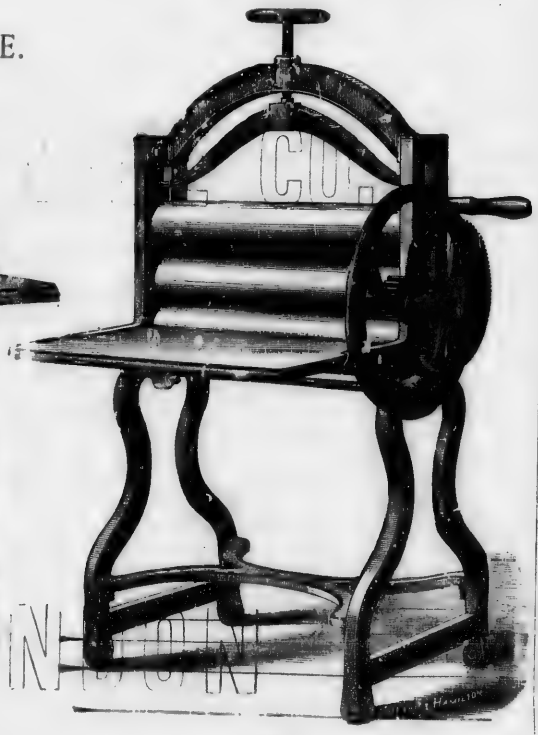
SEASONED MAPLE ROLLERS.

To Clamp on any ordinary Kitchen Table. Length of Rollers 20 inches. Standing Pressure 1500 lbs.
Price, **$10.00.**

THE "QUEEN" MANGLE.

THE "PEERLESS" MANGLE.

TWO ROLLERS.



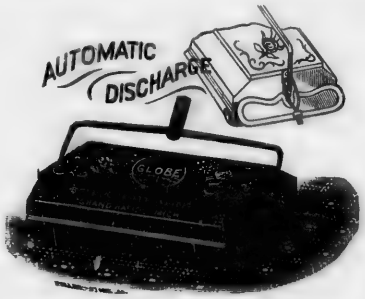
Neatly finished folding table at each side. Seasoned Maple Rollers, 24 in. wide. Price, **$25.00.**

THREE ROLLERS.

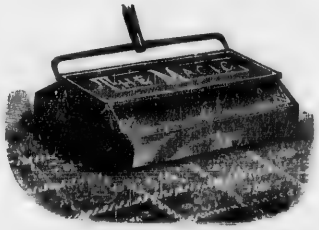
Neatly finished Folding Table in Front. Seasoned Maple Rollers, 24 in. wide. Price **$25.00.**

CARPET SWEEPERS

The Standard, with 4 Wheels, Exposed, entirely Self-adjusting, with Rubber Band to prevent marring Furniture . . . . . per dozen, $



Improved Crown Jewel, handsomely Hand Decorated, with Rubber Band . . . . per dozen, $
The Globe, Automatic Discharge, handsomely Hand Painted, with Rubber Band . . . . per dozen,



The World, Automatic Discharge . . . . . per dozen, $
The Magic, convenient Discharge and of Solid Construction . . . . . per dozen,

EGG BEATERS

"DOVER."

"Dover" Egg Beaters	per dozen, $
"Standard" Egg Beaters	per dozen,
"Easy" Egg Beaters	per dozen,
"Bryant's" Egg Beaters	per dozen,

MOP HOLDERS

"NIAGARA."

"DIAMOND" COMBINATION.

COPPERED CASTINGS.

"Niagara" Mop Holders	per dozen, $
"Diamond" Mop and Brush Holder	per dozen,

ORNAMENTAL IRON MATCH SAFES

Full Size Cut of No. 180.

No. **180** Enameled, with Receptacle for Burnt Matches — per dozen, $

Full Size Cut of No. 1205.

No. **1205** Monkey Match Safes, Ebony and Gold — per dozen, $

HOUSEHOLD FAVORITE

COMBINED TACK, CLAW, HAMMER, WRENCH, LIFTER AND ICE PICK.

No. **51** Copper Bronzed . . . . . per dozen, $

SHOVELS, TONGS AND POKERS.

Style of No. 10 Sets.

ADAMANTINE BRONZED HEADS.

No. **10** Shovel, Tongs and Poker, 24 inches long, Flat Head . . . . . per set, $

No. 649, Brass, Plain.

No. **649** Brass, Plain, Shovel, Tongs and Poker . . . . . per set, $
No. **649** Brass, Twisted, Shovel, Tongs and Poker . . . . . per set,

SHOVEL AND TONG STANDS

AND

FIRE SETS

SHOVEL AND TONG STANDS.

Style of No. 8.

FIRE SETS.

Style of No. 16.

No. 8 24 inches high, Enameled . . . . . per dozen, $

No. 16 25 inches high, Enameled, with Shovel, Tongs and Poker . . . . . per set,

"VICTOR" STOVE SHOVELS

No. 54—JAPANNED.

ROUND HANDLE.
IMPROVED AND EXTRA STRONG.

SIZE OF SCOOP, 4¼ x 7, INCHES.
ENTIRE LENGTH, 15 INCHES.

No. **54** Made of 19 Gauge Best Sheet Steel . . . . . per dozen, $

No. 57—JAPANNED.

ROUND, LONG HANDLE.

SIZE OF SCOOP, 5 x 8½ INCHES.
ENTIRE LENGTH, 23 INCHES.

No. **57** Made of 19 Gauge Best Sheet Steel . . . . . per dozen, $

No. 70—JAPANNED.

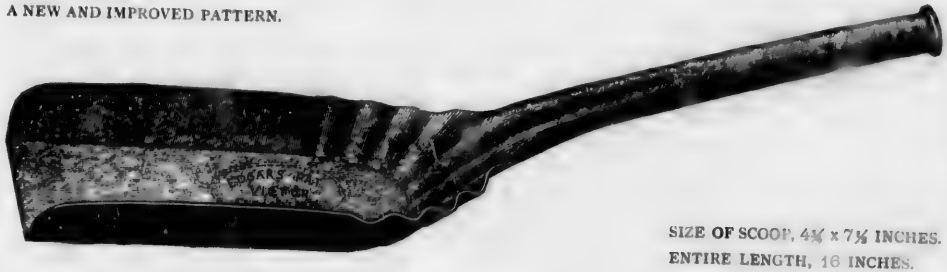
SIZE OF SCOOP, 4¼ x 7 INCHES.
ENTIRE LENGTH, 15 INCHES.

Made of 20 Gauge Best Sheet Steel . . . . . per dozen, $

"VICTOR" STOVE SHOVELS

No. 255—GALVANIZED.

ROUND HANDLE.
A NEW AND IMPROVED PATTERN.



SIZE OF SCOOP, 4¾ x 7½ INCHES.
ENTIRE LENGTH, 16 INCHES.

Made of 19 Gauge Best Sheet Steel and Galvanized in the best manner - - - - - per dozen, $

SIFTER.

No. 270—JAPANNED.

SIZE OF SCOOP, 4¾ x 7 INCHES.
ENTIRE LENGTH, 16 INCHES.

Made of 20 Gauge Best Sheet Steel - - - - - - - - - - per dozen, $

PATENT "ACME" FRY PANS.

DEEP, POLISHED, LIPPED.

No. 3 Diameter at Top, 9½ inches - - - - - - - - - - per dozen, $
No. 4 Diameter at Top, 10 inches - - - - - - - - - - per dozen,
No. 5 Diameter at Top, 11 inches - - - - - - - - - - per dozen,

WIRE AND SHEET METAL GOODS

MANUFACTURED FOR US BY

VICTORIA WIRE MILLS.

B. GREENING & CO.

The following lines of Wire and Sheet Metal Goods supplied from stock or to order at short notice. See following pages for descriptive price list:

Steel and Iron Smoke Stack Webs,
Malt and Oat Kiln Floor Webs,
Coal and Mining Screens,
Cotton and Wool Dryers,
Hardware Stock Webs,
Painted Mosquito Webs,
Threshing Machine Webs,
Fanning Mill Webs,
Galvanized Fruit Drying Webs,
Bolting Mill, Bran Duster, and all kinds of
Grain Cleaning Machinery Webs,
Perforated Zinc in all Sizes,
Perforated Brass for Well Points.

Perforated Kiln Floors,
Perforated Steel Smutter Cases,
Moulders' Riddles and Bellows,
Moulders' Steel Scratch Brushes,
Steel Wire Brooms,
Boiler Tube Cleaners,
Riddles and Sieves of all Kinds,
Greening's Patent Steel Wire Door Mat,
Wire Flower Stands, Baskets, etc.,
Wire Window Guards,
Wire Signs,
Sofa and Chair Springs,
Bank & Office Counter Railing in Brass & Iron

Cast Iron Transmitting Power Wheels,
Floral Designs,
Coal and Sand Screens,
Cast Steel Derrick Hoisting Ropes,
Passenger Elevator Ropes.
Coppered Steel Lightning Rods,
Galvanized Derrick Guy Ropes,
Galvanized Ships Rigging,
Galvanized Clothes Lines,
Galvanized Signal Strand,
Galvanized Smoke Stack Stays,
Galvanized and Bright Sash Cord,
Freight Hoist Ropes.

Transmitting Power Ropes,
Railway Switch Ropes,
Railway Ballast Plough Ropes,
Flat Ropes for Mining Purposes,
Extra Pliable Tiller Ropes,
Galvanized and Twisted Fence Wire,
Galvanized Fence Staples,
Flat Coppered Steel Staples,
Barrel and Box Staples,
Bed and Furniture Staples,
Blind Staples,
Double Pointed Steel Carpet Tacks.

Correspondence solicited. All orders will receive prompt attention. Prices furnished on application.

LONDON HARDWARE CO.

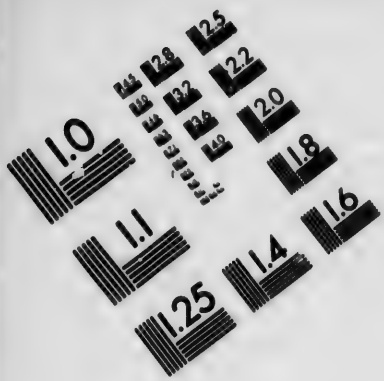
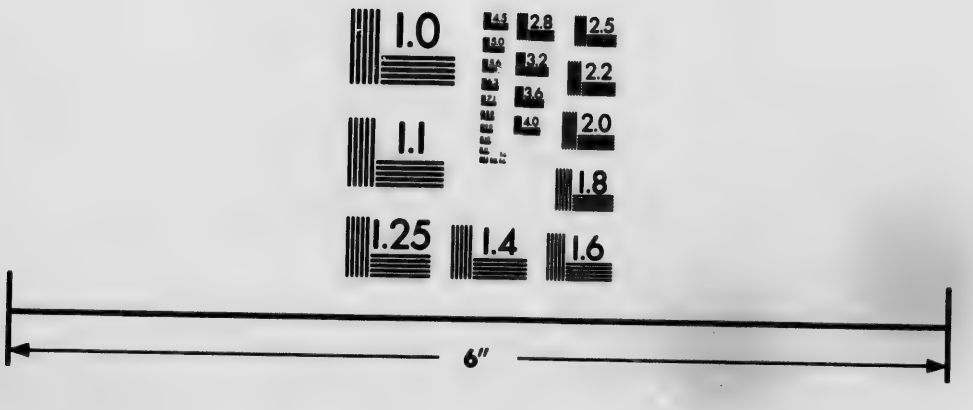
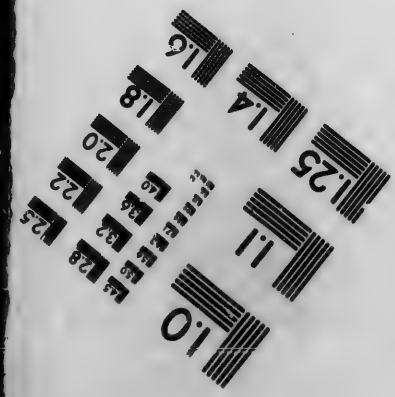


IMAGE EVALUATION
TEST TARGET (MT-3)





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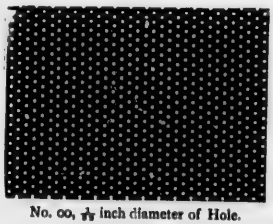
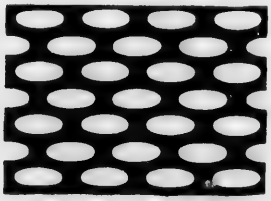
2.8
3.2
3.6
2.5
2.2
2.0
1.8
1.1
1.0

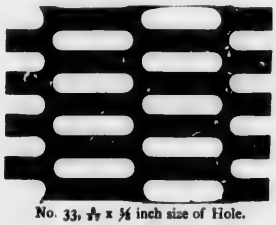
PERFORATED SHEET METALS



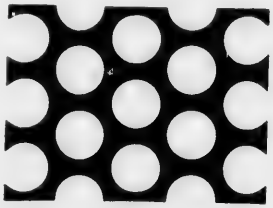
No. 00, $\frac{1}{16}$ inch diameter of Hole.



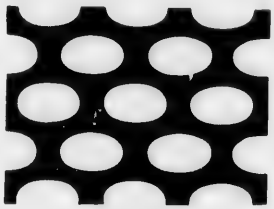
No. 31, $\frac{1}{16}$ x $\frac{3}{16}$ inch size of Hole.



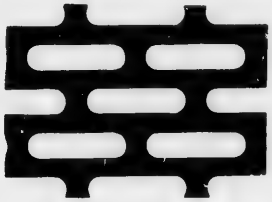
No. 33, $\frac{1}{16}$ x $\frac{1}{8}$ inch size of Hole.



No. 12, $\frac{1}{16}$ inch diameter of Hole.



No. 40, $\frac{13}{64}$ x $\frac{11}{32}$ inch size of Hole.



No. 39, $\frac{1}{16}$ x $\frac{1}{4}$ inch size of Hole.

PERFORATED ZINC, ROUND HOLE.

Nos.	00	0	1	2	3	3½	4	5	5½	6	6½	7	7½	8	9	10	11	12	13	14	15	16	17	18	19	20
Size of Perforation,	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{11}{64}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{11}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{7}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Price per Sq. Foot,	$0 16	14	10																							

PERFORATED ZINC, OVAL HOLE.

Nos.	31	32	40	43
Size of Perforation,	$\frac{1}{16}$ x $\frac{3}{16}$	$\frac{1}{16}$ x $\frac{1}{8}$	$\frac{13}{64}$ x $\frac{11}{32}$	$\frac{3}{8}$ x 1⅛
Price per Square Foot,	$0 12½	12½	12½	12½

PERFORATED ZINC, OBLONG HOLE, ROUND ENDS.

Nos.	30½	33	35	35½	36	38	38½	39	42
Size of Perforation,	$\frac{1}{16}$ x ½	$\frac{1}{16}$ x ⅛	$\frac{1}{16}$ x ⅛	$\frac{11}{64}$ x $\frac{11}{32}$	$\frac{1}{16}$ x ⅛	$\frac{1}{16}$ x ¼	$\frac{1}{16}$ x ⅜	$\frac{1}{16}$ x ⅜	¼ x 1¼
Price per Sq. Ft.	$0 12½	12½	12½	12½	12½	12½	12½	12½	12½

PERFORATED ZINC, OBLONG HOLE, SQUARE ENDS.

Nos.	30	37	34
Size of Perforation,	$\frac{1}{16}$ x $\frac{13}{32}$	$\frac{1}{16}$ x ⅛	¼ x ⅛
Price per Square Foot,	$0 12½	12½	12½

All slots run across the sheet, except No. 38½, in which case they run lengthways of sheet. We keep in stock in sheets 3 feet x 8 feet, all sizes as above, and also carry a stock of Zinc, varying every two inches, from 2 feet to 4 feet in width by 8 feet long.

Owing to the expense of changing the dies, we can only furnish special widths when quantity is required. Our prices are in all cases net for less quantity than a sheet, and the trade must protect themselves by making the necessary advance when asked to order small pieces by their customers.

When called upon to cut a sheet it is our custom to cut across, charging for the full width (3 feet) by the length ordered, as we make no provision for waste in our prices.

Perforated Brass for Well Points $\frac{13}{128}$ round hole.

Perforated Iron for Malt and Oat Kiln Floors.

WIRE CLOTH

No. 18 Grade—THRESHING MACHINE WIRE CLOTH.

MESHES ARE FROM CENTRE TO CENTRE OF WIRES. NO LENGTH LESS THAN 100 FEET SHALL BE UNDERSTOOD TO BE A ROLL.

Nos.	2	2½	3	3½	4	5	6	7	8	9	10	12	14	16	18	20	1	1	1	1
	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Mesh,	2	2½	3	3½	4	5	6	7	8	9	10	12	14	16	18	20	2	2½	3	4
Size of Wire,	16	17	18	18 & 19	19	20	21	22	23	24	25	27	28	29	30	31	16 & 17	16 & 17	17 & 18	18 & 19
Per Square Foot,	$0 08	8	8	8	9	9	9	9	9	9	10	10	10	10	12	12	9	9	9	9

THRESHING MACHINE SIEVES.

	Wove Wire.	Perforated Zinc.
For Wheat	3 x 3	3½ x 3½ or 4 x 4 — 7/32, 1/4, 5/16
For Barley		2 x 2 or 2 x 2½ — 7/32, 5/16, 3/8
For Oats	1 x 2	1 x ⅝, 1 x ⅞, ¾ or 1 x 3 — 3/8, 1/2, 1 in.

The widths mostly used are 34, 35, or 36 inches.

No. 20 Grade—FANNING MILL WEBS.

Nos.	2	2½	3	*3½	*4	*5	6	7	8	9	10	12	14
	x	x	x	x	x	x	x	x	x	x	x	x	x
Mesh	2	2½	3	3½	4	5	6	7	8	9	10	12	14
Size of Wire,	17	18	19	20	21	22	23	24	25	26	27	29	30
Per Square Foot,	$0 07	7	7	7	7	7	7	7	7	7	8	8	8

No.	16	18	20	22	¼	¼	¼	2	2	2	2	3	3
	x	x	x	x	x	x	x	x	x	x	x	x	x
Mesh,	16	18	20	22	3	4	5	3	4	4½	5	12	10
Size of Wire	31	32	33	34	18 & 20	19 & 20	20 & 22	18 & 20	19 & 21	20 & 22	21 & 23	24 & 26	23 & 25
Per Square Foot	$0 08	8½	9	10	7	7	7	7	7	7	7	8	8

*These Meshes, when so ordered, are made of heavier wire cut to length, and pressed flat. Extra charge, five cents per yard.

Our Fanning Mill Webs are without exception, the best in the market. We employ only the best workmen, and the points of excellence will be found to consist in strength of Web, and perfect uniformity of Mesh.

FANNING MILL SIEVES.

	Wove Wire.	Perforated Zinc.
For Wheat	4 x 5	4 x 4 or 5 x 5 — 5/32, 3/16, 7/32, 1/4
For Screening Wheat	7 x 7	8 x 8 or 9 x 9 — 1/4
For Peas		3 x 3 or 2 x 3 — 3/16
For Oats from Peas		¼ x 5 — 1/4 x 7/32
For Oats from Wheat		5 x 5 — 7/16
For Cockle		8 x 8 or 7 x 7 — 5/16, 3/8
For Barley		2 x 5 or 2 x 4½
For Clover		13 x 13 or 14 x 14 — 7/16
For Timothy	16 x 16	18 x 18 or 20 x 20
For Chess	3 x 10	3 x 12 or 2 x 12
For Flax	4 x 13	4 x 14 or 4 x 16

The widths mostly used are 21, 22, 23, or 24 inches.

No. 21 Grade—HARDWARE WIRE CLOTH.

MESHES ARE FROM CENTRE TO CENTRE OF WIRES. PUT UP IN 12 YARD ROLLS.

	No. of Wire.	CENTS PER YARD. 18 inch.	21 inch.	24 inch.	30 inch.
No. 2 x 2 Mesh	18	28	30	35	45
No. 2½ x 2½ Mesh	19	28	30	35	45
No 3 x 3 Mesh	20	28	30	35	45
No. 4 x 4 Mesh	22	28	30	35	45
No. 5 x 5 Mesh	23	28	30	35	45
No. 6 x 6 Mesh	24	28	30	35	45
No. 7 x 7 Mesh	25	30	32	37	47
No. 8 x 8 Mesh	26	30	32	37	47
No. 9 x 9 Mesh	27	30	32	37	47
No. 10 x 10 Mesh	28	33	35	40	50
No. 12 x 12 Mesh	30	33	35	40	50
No. 14 x 14 Mesh	32	35	37½	43	53
No. 16 x 16 Mesh	34	35	37½	43	53
No. 18 x 18 Mesh	35	37	40	45	55
No. 20 x 20 Mesh	36	37	40	45	55
No. 22 x 22 Mesh	36	37	40	45	55

WIRE CLOTH

No. 22 Grade—GALVANIZED WIRE CLOTH, FOR FRUIT DRYING.

MESHES ARE FROM CENTRE TO CENTRE OF WIRE—NO LENGTH LESS THAN 100 FEET SHALL BE UNDERSTOOD TO BE A ROLL.

No. 2 x 2	Mesh, made of	No. 18	Wire	8	cents per square foot
No. 2½ x 2½	" "	18	"	8	" " "
No. 3 x 3	" "	19	"	8	" " "
No. 4 x 4	" "	21	"	8	" " "
No. 5 x 5	" "	22	"	8	" " "
No. 6 x 6	" "	23	"	8	" " "
No. 8 x 8	" "	25	"	8	" " "

For apple drying the usual Mesh is 2½ and 3. Widths in stock: 24, 30 and 36 inch.

HONEY EXTRACTOR CLOTH.

4 x 4 Mesh, Tinned Wire..... 8 cents per square foot

Widths in stock: 10, 12, 14, 16, 18 inches wide.

COTTON AND WOOL DRYING FLOORS.

We publish a special list for Cotton and Woolen Mills, which we shall be pleased to send with samples and prices on application.

NOTE—In ordering Wire Cloth the Mesh is from centre to centre of wire, not between wires; Spaces are in the clear between wires. We have any Mesh or Width in Brass, Copper, Galvanized Iron or Steel when quantity is required.

SAND SCREEN WIRE CLOTH.

PUT UP IN 50 FT. ROLLS.

No. 2½ x 2½	Mesh, made of	No. 17	Wire	8	cents per square foot
No. 3 x 3	" "	18	"	8	" " "
No. 4 x 4	" "	19	"	9	" " "
No. 5 x 5	" "	20	"	8	" " "
No. 6 x 6	" "	21	"	9	" " "
No. 10 x 10	" "	24	"	9	" " "
No. 12 x 12	" "	25	"	10	" " "

Widths in stock: 24, 30 and 36 inches.

SPECIAL LATH CLOTH.

No. 2½ x 2½ Mesh, made of No. 18 Wire, 30 and 36 inches wide..... price,

The Wire Lathing has assumed such proportions that we have constructed special machinery for making it. We now offer it at a price that will compare favorably with our cheapest grade of cloth. Besides being used for Lathing purposes, it makes a good cheap basement and factory window guard.

BRASS MILK STRAINER CLOTH.

PUT UP IN 5 FT. ROLLS 12 INCHES WIDE.

No. 40 x 40 Mesh	24	cents per square foot	No. 65 x 65 Mesh	65	cents per square foot
No. 50 x 50 "	27	" " "	No. 70 x 70 "	75	" " "
No. 55 x 55 "	36	" " "	No. 80 x 80 "	95	" " "
No. 60 x 60 "	55	" " "			

For Milk Strainers, 50 Mesh is the Standard.

OFFICE WINDOW BLIND WEB.

No. 30 Mesh, widths 24, 30, 36, 42 and 48	22	cents per square foot
In Frame Stained Imitation Walnut	40	" " "
In Black Walnut Frame	45	" " "

Painting and Lettering extra.

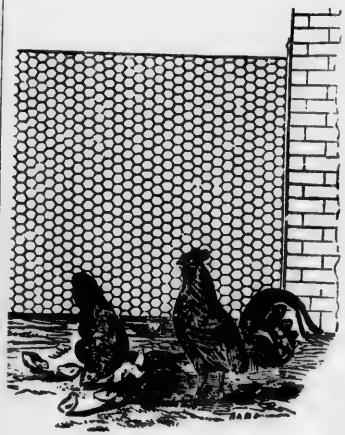
The advantage of these Screens is that persons inside a room can look out without difficulty, while those from the street cannot look in, and you are thus secluded from the gaze of outsiders.

PAINTED WIRE SCREEN CLOTH

Put up in Rolls of 50 and 100 Lineal Feet.

Painted Green—Widths in stock, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42 inches	Price, **5** cents per square foot
Painted Drab—Widths in stock, 24, 30 and 36 inches	Price, **5** cents per square foot
"Figured"—24, 30 and 36 inches wide	Price, **8** cents per square foot
"Landscape"—30 inches wide	Price, **14** cents per square foot

GALVANIZED TWISTED WIRE NETTING



Galvanized Wire Netting is now used for a great variety of purposes, and the increased demand has induced us to give it special attention. We now stock all the principal sizes and widths, as will be seen by the accompanying price list.

It is made of best quality wire, galvanized after being made, thus preventing any danger of rust, and making it very durable.

Its principal uses are for garden and ornamental purposes, lawn tennis nets, poultry runs, bird and small animal cages, chicken coops, pigeon houses, rabbit hutches, aviaries, drying glue, fruit, etc.

PRICE LIST.

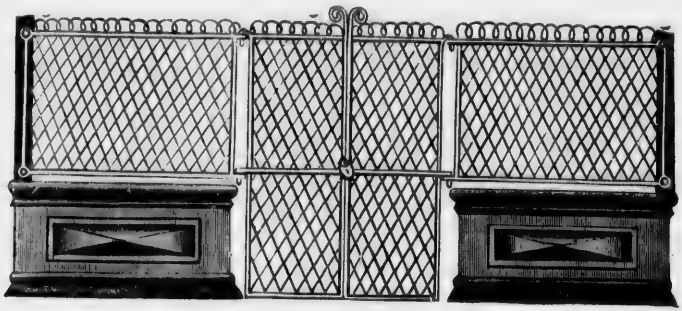
PUT UP IN FIFTY-YARD ROLLS.

Size of Mesh, inch,	2	2	2	2	2	2	2	2	2	1½	1½
Size of Wire, No.	18	19	18	19	17	18	19	19	18	19	19
Inches wide,	72	72	48	48	36	36	36	30	30	72	48
Per Lineal Yard,	**80**	**50**	**44**	**34**	**28**	**33**	**25**	**22**	**19**	**21**	**60**	**40**
Size of Mesh, inch,	1½	1½	1	1	1	¾	¾	¾	½	½	½
Size of Wire, No.	19	19	20	20	20	21	21	21	22	22	22
Inches wide,	36	30	36	30	24	36	30	24	36	30	24
Per Lineal Yard,	**80**	**30**	**25**	**42**	**35**	**38**	**55**	**45**	**37½**	**1 20**	**1 00**	**80**

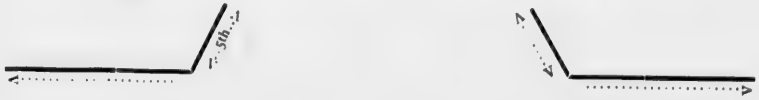
We also keep the following for a cheap Garden Fence, or when a stronger Netting is required:

3 inch Mesh, made of No. 14 Wire, 30 inches wide	**30** cents per lineal yard
3 inch Mesh, made of No. 14 Wire, 36 inches wide	**35** cents per lineal yard
3 inch Mesh, made of No. 14 Wire, 42 inches wide	**40** cents per lineal yard
3 inch Mesh, made of No. 14 Wire, 48 inches wide	**45** cents per lineal yard

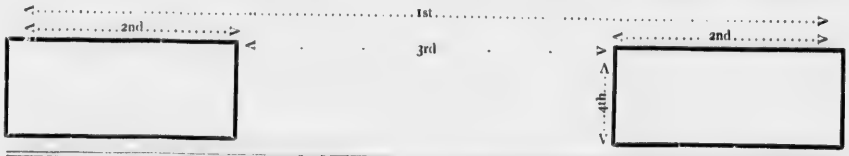
CRIMPED WIRE GUARDS, FOR STORE WINDOWS



Wire Guards of our manufacture are made of ⅝ inch diameter round iron, covered with 1¼ inch diamond mesh, made of No. 10 best iron wire, very strongly put together and well made in every particular. We annex two sketches, which will be found useful when ordering:



No. 1 shows top view, and is to be used when guards are to be made to protect side lights without gates. Fill in the dotted lines.



GROUND LINE.

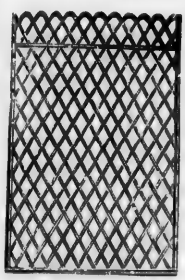
No. 2 is a front view. When measuring for guards with gates, fill in all the dotted lines. The principal sizes required are: First, the entire length of front; second, length of each window to outside of moulding; third, distance between moulding; fourth, height of sill; fifth, length of the rods for the gates; for the fifth, see sketch No. 1.

Window Guards	per square foot, **18** cents
Window Guards and Returns	per square foot, **20** cents
Window Guards and Gates	per square foot, **22** cents
Gates only	per square foot, **30** cents

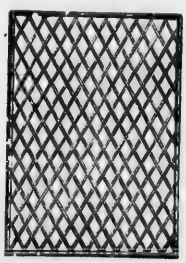
When measurement does not exceed 9 square feet, the work is charged as per List.

PRICE LIST OF Nos. 1, 2, 3, 4 and 5 CRIMPED WINDOW GUARDS.

¾	inch	Mesh,	No.	16	Wire	**17**	cents	per square foot
¾	"	"	"	15	"	**20**	"	" "
¾	"	"	"	14	"	**23**	"	" "
1	"	"	"	14	"	**20**	"	" "
1	"	"	"	13	"	**23**	"	" "
1	"	"	"	12	"	**26**	"	" "
1¼	"	"	"	13	"	**20**	"	" "
1¼	"	"	"	12	"	**23**	"	" "
1¼	"	"	"	11	"	**26**	"	" "
1½	"	"	"	12	"	**20**	"	" "
1½	"	"	"	11	"	**23**	"	" "
1½	"	"	"	10	"	**26**	"	" "
1¾	"	"	"	11	"	**20**	"	" "
1¾	"	"	"	10	"	**23**	"	" "
1¾	"	"	"	9	"	**26**	"	" "
2	"	"	"	11	"	**17**	"	" "
2	"	"	"	10	"	**20**	"	" "
2	"	"	"	9	"	**25**	"	" "
2	"	"	"	8	"	**30**	"	" "



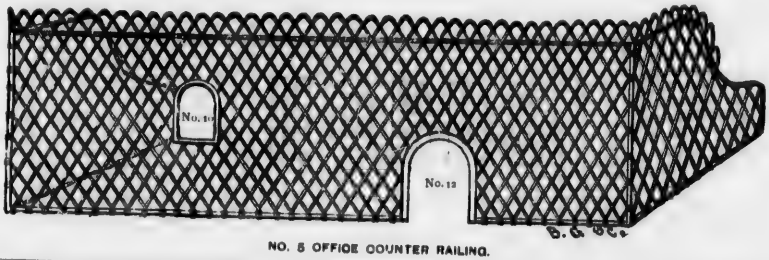
NO. 2 WIRE WINDOW GUARD,
For Store Windows, etc.



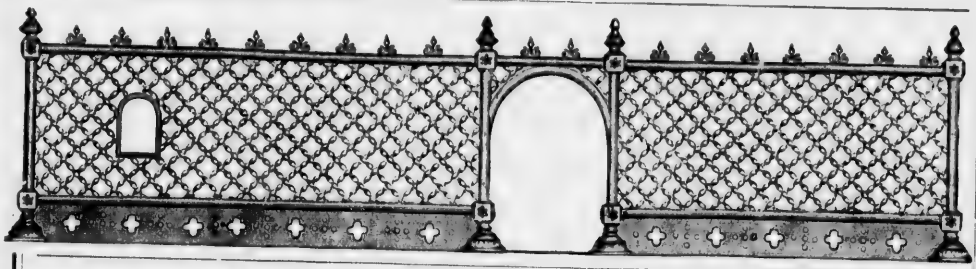
NO. 3 WIRE WINDOW GUARD,
For Basement Windows, etc.

We publish a special Catalogue of Wire Guards, to be had on application.

BANK AND OFFICE WIRE COUNTER RAILING



NO. 5 OFFICE COUNTER RAILING.



TWISTED FLAT BRASS IN TUBULAR FRAME.

We publish a full catalogue of Counter Railing, including designs in Brass and Iron from 40 cents per foot up, which we shall be pleased to mail on application.

WIRE SIGNS.

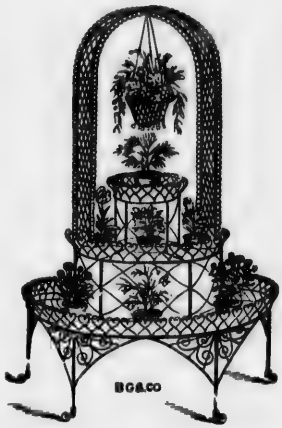
WIRE BANNER SIGNS.

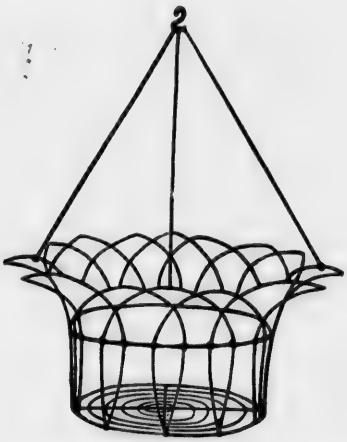
2½ x 3 feet high, Black Letters	each,	$7 00
3 x 4 feet high, Black Letters	each,	8 50
4 x 5 feet high, Black Letters	each,	11 00
5 x 6 feet high, Black Letters	each,	14 00
6 x 7 feet high, Black Letters	each,	$20 00
7 x 8 feet high, Black Letters	each,	25 00
7 x 9 feet high, Black Letters	each,	28 00

Other sizes at proportionate prices.

The Wire Banner Sign is intended to be hung from the front of the building, or suspended across the street on a wire cable; thus arranged the lettering can be read at a considerable distance. By reducing the number of letters and increasing the size the advertisement is still more effective. List of other designs on application.

FLOWER STANDS AND HANGING BASKETS





No. 5.

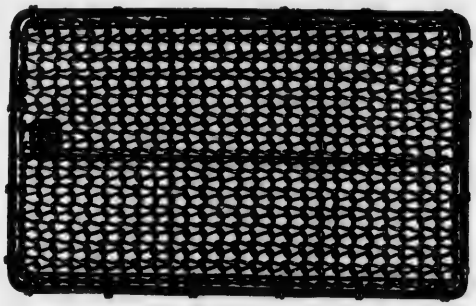
No. 9 Half Round Stand, with Arch, 6 feet 3 inches high, 4 feet wide, 30 inches deep . . price, $7 00

No. 5 Flower Basket . . . per dozen, $2 50

Special catalogue of above on application.

GREENING'S PATENT REVERSIBLE STEEL WIRE DOOR MAT

TORONTO
INDUSTRIAL
EXHIBITION
1885
SILVER MEDAL
1886
DIPLOMA.



COLONIAL
AND
INDIAN
EXHIBITION
LONDON
ENGLAND
1886
GOLD MEDAL.

CLEANLY.

Nos.	1	2	3	4	5	6	7	8
Size, inches,	16½ x 24	18 x 28	20 x 30	22 x 36	24 x 40	24 x 48	30 x 48	36 x 48
Price, each,	$2 00	2 50	3 00	3 50	4 00	5 00	6 00	7 00

These Mats are wear and waterproof.
The greatest thing in the way of a Mat ever devised.
These Mats are self-cleaning, and require no shaking.
Snow, ice, mud, clay and water are wiped out of sight by the slightest scrape.
Made from Galvanized Steel Wire with Japanned, Galvanized or Nickel Plated Frame.
Especially adapted for Churches, Schools, Hotels, Offices, Stores, Private Residences, Elevators, Railways, Street Cars, Steamboats, etc.
They cost one-third to one-half less than the Corrugated Rubber Mat of equal thickness, and are adapted for any and every place where a mat or matting is needed.
These Mats were formerly made of Iron Wire. We are now using best quality of Bessemer Steel, thereby giving a very superior article.

Special sizes made to order at 65 cents per square foot. Mats with curves, or special forms made to order.

BEST COPPERED STEEL SPRINGS

Sofa, Chair and Pillow Springs.

SOFA SPRINGS.

5 inches long, of No. 10 Wire.....**7** cts. per pound
10 to 14 inches long, of No. 9 Wire, **6** cts. per pound
6 to 9 inches long, of No. 9½ Wire. **6½** cts. per pound
Tied at both ends..... extra. **3** cts. per pound

MATTRESS SPRINGS.

5 inches long, of No. 10 Wire.....**8** cts. per pound
8 and 9 inches long, of No. 9 Wire. **7** cts. per pound
6 and 7 inches long, of No. 9½ Wire, **7½** cts. per pound
Tied at one end..... extra..**2** cts per pound

PILLOW SPRINGS.

4, 5 and 6 inches long, of No. 15 Wire.....**16** cts. per pound....Tied at both ends, **3** cts. per pound extra

PLATFORM ROCKER CHAIR SPRINGS.

Chicago Rocker Springs, with castings complete..**50** cts. per pair | Coiled Wire Rocker Springs..**10** cts. per pair

CHAIR SPRINGS.

4 inches long, of No. 15 Wire.....**18** cts. per pound
4 inches long, of No. 14 Wire.....**14** cts. per pound
4 inches long, of No. 12 Wire.....**12** cts. per pound
5 inches long, of No. 14 Wire.....**12** cts. per pound
5 inches long, of No. 12 Wire.....**10** cts. per pound
5 inches long, of No. 11 Wire.....**9** cts. per pound
6 inches long, of No. 12 Wire.....**9** cts. per pound
6 inches long, of No. 11 Wire.....**8** cts. per pound
6 inches long, of No. 10 Wire.....**7** cts. per pound

GALVANIZED CLOTHES LINE WIRE.

Seven Strand, No. 16 Wire.....per 100 feet, **$1 00**
Seven Strand, No. 17 Wire.....per 100 feet, **75**
Seven Strand, No. 18 Wire.....per 100 feet, **60**
Seven Strand, No. 19 Wire.....per 100 feet, **50**

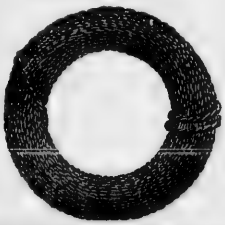
Nos. 19 18 17 16

GALVANIZED WIRE STRAND

FOR FENCING, STAYING SMOKE STACKS, ETC.

Seven wires.....No. 19 — Weight per 1,000 feet..... 34 pounds
Seven wires.....No. 18 — Weight per 1,000 feet..... 42 pounds
Seven wires.....No. 17 — Weight per 1,000 feet..... 56 pounds
Seven wires.....No. 16 — Weight per 1,000 feet..... 75 pounds
Seven wires.....No. 12 — Weight per 1,000 feet.....200 pounds

Sevenwires, Nos.	8	9	10	11	12	13	14
Diameter in inches,	1/8	1/16	3/32	1/32	1/16	3/32	1/4
Weight per 1,000 feet,	580	425	310	240	200	180	120
Price per pound, cents,	**8**	**8**	**8**	**9**	**9**	**10**	**10**
Seven wires, Nos.	15	16	17	18	19		20
Diameter in inches,	1/32	3/16	1/32	1/16	1/8		1/32
Weight per 1,000 feet,	100	75	56	42	34		25
Price per pound, cents,	**11**	**11**	**12**	**12**	**14**		**16**



WIRE SASH CORD.

Nos.	25	26	27	28	29	30	31
Diameter, inch,	1/16	1/16	1/16	1/32	1/32	1/32	1/32
Steel, per foot, cents,	3¼	3½	3	2½	2	1½	1
Galvanized or Tinned per foot, cts.,	**5**	**4½**	**4**	**3½**	**3**	**2½**	**1¼**

GALVANIZED

WIRE ROPE

We supply Ropes of all degrees of pliability, from the one containing 42 wires, with hemp centre, to one containing 798 wires to the Rope. The latter is very flexible, and is only required when large ropes have to work over small pulleys. Parties not having experience in the use of Wire Rope should always state the purpose it is to be used for.

GALVANIZED WIRE ROPE FOR

SHIPS' RIGGING, DERRICK STAYS, BRIDGES, ETC.

SEVEN WIRES TO STRAND.

Diameter in Inches.	Circumference in inches	Price per lb. in cents.	Circumference of Hemp Rope of equal strength.	Breaking Strain in tons of 2,000 lbs.	Weight per fathom in lbs.	Diameter in inches.	Circumference in inches	Price per lb. in cents.	Circumference of Hemp Rope of equal strength.	Breaking Strain in tons of 2,000 lbs.	Weight per fathom in lbs.
¼	¾	22	1¾	1	½	1 1/16	3¼	8	6½	14	9½
5/16	1	16	2	1½	¾	1⅛	3½	8	7	16	10¾
⅜	1⅛	14	2⅜	2	1⅓	1¼	3¾	8	7½	20	12
7/16	1¼	13	2½	2½	1¾	1 5/16	4	8	8	23	14¾
½	1½	12	3	3½	2⅓	1⅜	4¼	8	8½	26	16
9/16	1¾	10½	3½	5	2½	1½	4½	8	9	30	18
⅝	2	9	4	7	3⅓	1 9/16	4¾	8	9½	33	20½
¾	2¼	8½	4½	8	4½	1⅝	5	8	10	35	22
13/16	2½	8¼	5	9	5½	1¾	5¼	8	10½	40	24½
⅞	2¾	8	5½	10	6¾	1⅞	5½	8	11	43	26½
1	3	8	6	12	8⅓						

NOTE.—If required with wire centres, add 10 per cent. to weight. These Ropes should never be used for running rope.

BEST BRANDS NORWAY AND SWEDE'S IRON.

PLIABLE HOISTING AND RUNNING ROPES.

NINETEEN WIRES TO THE STRAND—HEMP CENTRE.

Trade Number.	Price per foot in cents.	Diameter.	Circumference.	Weight per foot in lbs.	Breaking Strain in tons of 2,000 lbs.	Proper working loads in tons of 2,000 lbs.	Circumference of Hemp Rope of equal strength.	Minimum size of Drum of Sheave in feet.
1	31	1¼	4	2.40	27.	5½	9½	4
2	25	1⅛	3½	1.90	20.	4	8	3½
3	22	1	3⅛	1.52	16.	3	7	3
4	17	⅞	2¾	1.15	11½.	2½	6	2¾
5	14	¾	1¾	.85	8.64	1¾	5	2½
6	12	⅝	2	.62	5.13	1¼	4½	2
7	10	9/16	1⅝	.44	4.27	¾	4	1¾
8	8	½	1½	.40	3.48	½	3½	1½
9	6	⅜	1⅛	.23	1.65	¼	2¼	1

NOTE.—All the above Ropes have hemp centre; for wire centre, add 10 per cent. to the weight and 10 per cent. per foot to the price. Unless specially ordered, all Ropes will be made with hemp centre. Siemens—Martin and Bessemer Steel the same price as above.

BEST BRANDS NORWAY AND SWEDES IRON

TRANSMISSION AND STANDING ROPES.

SEVEN WIRES TO STRAND—HEMP CENTRE.

Trade No.	Price per Foot in cents.	Diameter.	Circumference.	Weight per Foot in lbs.	Breaking Strains in Tons of 2000 lbs.	Proper Working Load in Tons of 2000 lbs.	Circumference of Hemp Rope of Equal Strength.
10	40	1½	4⅝	3.37	36.	9	10¾
11	33	1⅜	4¼	2.70	30.	7½	10
12	29	1¼	3¾	2.25	25.	6¼	9¼
13	23	1⅛	3⅜	1.80	20.	5	8
14	20	1	3	1.50	16.	4	7
15	16	⅞	2⅝	1.12	12.3	3	6½
16	12	¾	2⅜	.85	8.8	2¼	5¼
17	10	11/16	2⅛	.68	7.6	2	5
18	9	⅝	1⅞	.60	5.8	1½	4¼
19	7	9/16	1⅝	.45	4.1	1	4
20	6	½	1⅜	.35	2.83	¾	3¼
21	4	⅜	1⅛	.21	1.65	½	2½

NOTE.—All the above Ropes have Hemp centre; for Wire centre, add ten per cent. to the weight, and ten per cent. per foot to the price. Unless specially ordered, all Ropes will be made with Hemp centre. Siemens—Martin and Bessemer steel the same price as above.

CAST STEEL PLIABLE HOISTING ROPES.

NINETEEN WIRES TO STRAND.

Trade No.	Price per Foot in cents.	Diameter.	Circumference in inches.	Weight per Foot in lbs.	Breaking Strains in Tons of 2000 lbs.	Proper Working Load in Tons of 2000 lbs.	Circumference of Hemp Rope of Equal Strength.	Minimum Size of Drum in feet.
1	71	1½	4¾	3.40	55	11	13	5½
2	60	1⅜	4⅜	2.77	45	9	12	5
3	50	1¼	4	2.45	39	8	11½	5
4	41	1⅛	3½	2.00	30	6	10	4½
5	34		3⅛	1.58	24	5	9¼	4
6	27	⅞	2¾	1.20	20	4	8	3½
7	21	¾	2¼	.86	13	3	6½	3½
8	18	⅝	2	.65	9	2	5¼	3
9	14	½	1½	.40	5½	1	4½	2
10	12	⅜	1⅛	.25	3¾	....	3¾	1½

TRANSMISSION AND STANDING ROPES.

SEVEN WIRES TO STRAND—HEMP CENTRE.

Trade No.	Price per Foot in cents.	Diameter.	Circumference.	Weight per Foot in lbs.	Breaking Strains in Tons of 2000 lbs.	Proper Working Load in Tons of 2000 lbs.	Circumference of Hemp Rope of Equal Strength.
11	70	1½	4⅝	3.30	67	16	15
12	60	1⅜	4¼	2.70	55	12½	13
13	50	1¼	3¾	2.28	45	10	12
14	40	1⅛	3⅜	1.85	36	8	10¾
15	32	1	3	1.55	30	6½	10
16	25	⅞	2⅝	1.13	22	5	8½
17	19	¾	2⅜	.85	17	3½	7¼
18	16	11/16	2⅛	.70	13½	3	6½
19	14	⅝	1⅞	.60	10	2¼	5½
20	11	9/16	1⅝	.48	8	1¾	5
21	8	½	1⅜	.40	6	1¼	4¾
22	7	⅜	1⅛	.22	4	1	3¾

NOTE.—All the above Ropes have Hemp centre; for Wire centre, add ten per cent. to the weight and ten per cent. per foot to the price. Unless specially ordered, all Ropes will be made with Hemp centre

WIRE ROPE

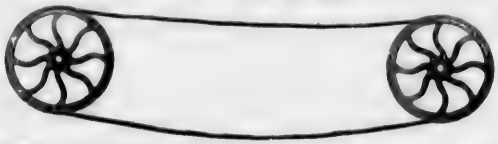
EXTRA PLIABLE TILLER ROPES.

WITH 6 STRANDS OF 42 WIRES EACH—HEMP CENTRE IN STRANDS AND ROPE.

Diameter, inch	3/16	1/4	5/16	3/8
Cents per foot,	10	19	14	16

WIRE ROPE AND WHEELS.

FOR TRANSMITTING POWER.



The system of transmission of power by means of a wire rope is the best and cheapest known. There is scarcely a power in existence where it would not be convenient at times to transfer it, or a portion of it, to some isolated building at a distance from the seat of power. There are many places where a good water power could be obtained, but where there was no suitable site for a building. Suppose A owns an engine of thirty horse-power, and finds he can spare a power of seven horse; this, by means of the Rope System, could be lent to B, owning a mill situated some distance away, the rent of which could go toward paying the expense of running A's engine, and save to B the outlay of capital necessary to put in a seven horse-power engine, and also lessen his insurance and risk of fire. We manufacture two kinds of Rope—one of 19 wires to the strand, or 114 wires to the rope; the other with 7 wires to the strand, or 42 wires to the rope. The most pliable variety is the one containing 19, and is generally used for Hoisting and Running Rope; but where the pulleys are large, a rope of 7 wires to the strand will answer as large as 3/8 in diameter. If larger than that they require to be made with more wires to the strand.

In the construction of machinery for wire Rope it will be found economical to make the drums and wheels as large as possible. In ordering a rope that you require sent spliced, send us the neat length, which can be obtained by passing a wire round the pulley when fixed; or, if not convenient, send the neat length from centre to centre, and the diameter of pulley, and we will send the rope the proper length.

TABLE OF TRANSMISSION OF POWER BY WIRE ROPES.

SHOWING THE NECESSARY SIZE AND SPEED OF WHEELS AND ROPE TO OBTAIN ANY DESIRED AMOUNT OF POWER.

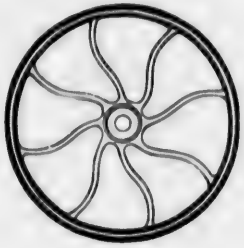
Diameter of Rope	1/4	1/4	5/16	1/3	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
Diameter of Pulley	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	8	8	8	8	9	9	9
Number of Revolutions	100	140	100	120	140	100	120	140	100	120	140	80	100	120	140	80	100	120	140	80	100	120
Horse Power	2	3	4	5	5.8	8.6	10.3	12	13.4	16.1	18.7	16.9	21.1	25.3	29.6	22	27.5	33	38.5	41.5	51.9	62.2
Diameter of Rope	5/8	5/8	5/8	5/8	5/8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	7/8	7/8	7/8
Diameter of Pulley	9	10	10	10	10	11	11	11	11	12	12	12	12	13	13	13	14	14	14	15	15	15
Number of Revolutions	140	80	100	120	140	80	100	120	140	80	100	120	140	80	100	120	80	100	120	80	100	120
Horse Power	72.6	58.4	73	87.6	102.2	75.5	94.4	113.3	132.1	99.3	124 1	148.9	173.7	122.6	153.2	183.9	148	185	222	217	259	300

The above table of horse-powers will enable any one to select the size of the Rope and Pulley necessary to transmit the required power, as it will be found to meet all general requirements. Should it be found necessary to convey the entire power of a certain shaft, which is driven by a belt of a given size, its equivalent may be found by the following simple rule, viz.: that 70 square feet of belt surface is equal to one horse-power. Take for example a belt one foot wide running at the rate of 1,400 feet per minute, then the

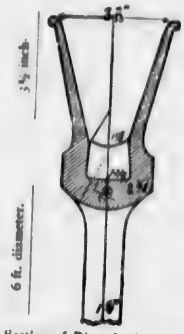
$$\text{Horse-power} = \frac{1400 \times 1}{70} = 20;$$

and by referring to the table we find the diameter of the wheel corresponding to the horse-power, and making the same number of revolutions that the belt pulley does.

CAST IRON WHEELS



Sketch of Wheel.



Section of Rim of 6 foot Wheel.

Wheels made of Cast Iron are decidedly the best and cheapest, as they are the most durable, and will remain always true.

By referring to the sketch of Section of Rim it will be perceived that the bottom of the Groove is made a little wider, thus preventing the filling from coming out. The Wheels made by us have a filling of leather or rubber; but a variety of materials may be used for the purpose. The diameter of the Wheel is reckoned from the outside of the filling, and not from the outside of the rim.

PRICE OF WHEELS.

BORED TO FIT SHAFT, AND LINED WITH LEATHER FILLING.

Diameter in Feet,	2	3	4	5	6	7	8	9
Each,	$8 00	$20 00	$29 50	$40 00	$55 00	$75 00	$90 00	$175 00

Special price for larger sizes.

INCLINED PLANE.

For the benefit of those desiring to use Wire Rope on slopes, inclined planes, etc., we subjoin a table by which the strain produced by any load can easily be calculated. The table gives the strain produced on a rope by a load of one ton of two thousand pounds, an allowance for rolling friction being made. An additional allowance for the weight of the rope will have to be made.

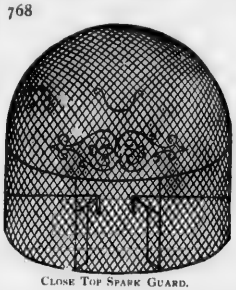
EXAMPLE: For an inclination of 25 feet in 100 feet, corresponding to an angle of $14\frac{1}{17}$ degrees, a load of 2,000 pounds will produce a strain on the rope of 497 pounds, and for a load of 8,007 pounds, the strain on the rope will be:

$$\frac{497 \times 8007}{2000} = 1,188 \text{ pounds.}$$

Elevation in 100 Feet.	Corresponding Angle of Inclination.	Strain in lbs. on Rope from a Load of 2,000 lbs.	Elevation in 100 Feet.	Corresponding Angle of Inclination.	Strain in lbs. on Rope from a Load of 2,000 lbs.
5	2⅞ degrees	112	95	43½ degrees	1385
10	5½ "	211	100	45 "	1419
15	8⅓ "	308	105	46½ "	1457
20	11 ½ "	404	110	47¾ "	1487
25	$14\frac{1}{17}$ "	497	115	49 "	1516
30	16¾ "	586	120	50¼ "	1544
35	19 ½ "	673	125	51½ "	1570
40	21 ½ "	754	130	52½ "	1592
45	24¼ "	832	135	53½ "	1614
50	26½ "	905	140	54½ "	1633
55	28 ½ "	975	145	55½ "	1653
60	31 "	1040	150	56¼ "	1671
65	$33\frac{1}{17}$ "	1100	155	57¾ "	1689
70	35 "	1156	160	58 "	1703
75	37 "	1210	165	58 ½ "	1717
80	38⅔ "	1260	170	59½ "	1729
85	40½ "	1304	175	60¼ "	1742
90	42 "	1347			

A factor of safety of five to seven times should be taken—that is, the working load on the rope should only be one-fifth to one-seventh of its breaking strength. As a rule, ropes for shafts should have a factor of safety of five; and on inclined planes, where the wear is much greater, the factor of safety should be seven.

The above table is from a pamphlet published by a high authority on Wire Rope, and we think can be relied on.



CLOSE TOP SPARK GUARD.

SPARK GUARDS

No. 1	18 inches wide	each, $1 25
No. 2	20 inches wide	each, 1 35
No. 3	22 inches wide	each, 1 87
No. 4	24 inches wide	each, 2 10

Our Spark Guards are made of ¼ inch Mesh Crimped Wire, and will fit the grate closely. They are colored blue, and form a safe protection against sparks.

BRASS SPARK GUARDS.

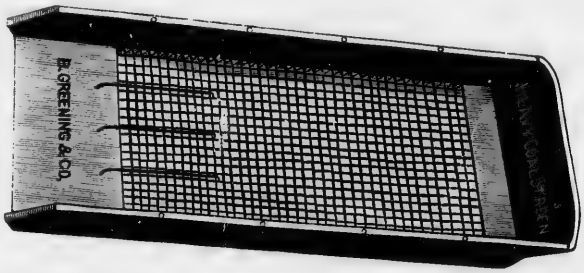
Prices are the same as above, with 50 per cent. added.

Boiler Tube Cleaner, Greening's Patent.

The Cut represents a first-class Boiler Tube Cleaner. Its adaptability both as a scraper and cleaner renders it greatly superior to any yet offered, while its strength and durability constitutes it both an efficient and economical article.

Price to 3 inches in diameter . . . . . **$2 00** | Larger sizes at the rate of $1.00 per inch advance.

Extra Heavy Steel Wire Coal Screens.

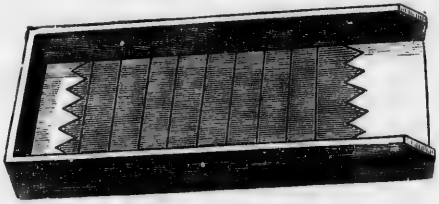


These Screens are made with a heavy wood frame, strongly put together, and filled with extra heavy Crimped Steel Wire, same as our No. 11 Grade Wire Cloth. The wire cloth is firmly attached to the frame and secured with flat iron top and bottom. Iron shoveling fenders are placed at the bottom, as shown in Cut, and cross rods at the back of screen to prevent sagging when screening large, heavy coal.

For Chestnut Coal, ⅝ inch Mesh, size 7 ft. x 34 in.....each, **$8 50** | For Nut Coal, ½ and ⅝ inch Mesh, size 7 ft. x 34 in...each, **$8 50**
For Stove Coal, ¾ inch Mesh, size 7 ft. x 34 in.....each, **8 50** | For Soft Coal, ⅞ and 1 inch Mesh, size 7 ft. x 34 in....each, **8 50**

The above sizes are in the opening or between the wires. We make a smaller size, useful as a Portable Screen, 5 ft. x 27 in., price $6.50 each.

Masons' Screens.



EXTRA HEAVY SAND SCREENS.

No. 1 Locket, size 7 ft. x 34 in.....each, **$8 00** | No. 3 Crimped, size 7 ft. x 34 in.....each, **$6 00**
No. 2 Locket, size 5 ft. x 26 in.....each, **6 00** | No. 4 Crimped, size 5 ft. x 26 in.....each, **4 00**

The usual size is ¼ Mesh in the clear, but any size made to order.

These Screens are made with a heavy wood frame, the top and bottom pieces being of dry hard wood. In the Locket Screen the upright wires are firmly wrapped around the heavy supporting rods. The Crimped Screen is made of Crimped Wire, and so constructed as to give the largest possible amount of screening surface. As in the Locket Screen there are no fine wires to cut, hence the screen cannot get out of order until completely worn out. We guarantee these Screens the best and cheapest in the market.

STEEL WIRE BROOMS

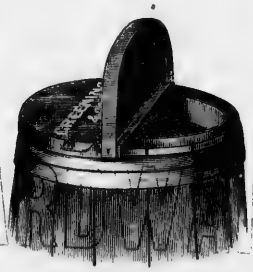
STEEL WIRE BROOMS.

No. 1	10 x 3½ inch, Wire 5 inch long, 5 Rows	per dozen, $12 00
No. 2	12 x 4 inch, Wire 6 inch long, 5 Rows	per dozen, 15 00
No. 3	14 x 4¼ inch, Wire 7 inch long, 5 Rows	per dozen, 18 00
No. 4	12 x 2½ inch, Wire 5 inch long, 4 Rows	per dozen, 10 50
No. 5	14 x 2½ inch, Wire 5 inch long, 4 Rows	per dozen, 12 00

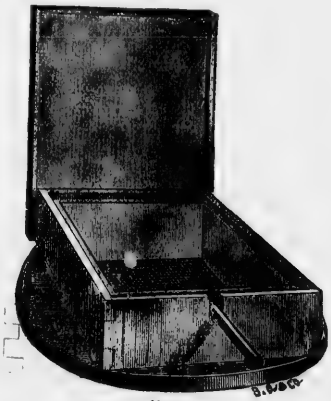
These Brooms are made of the best Flat Steel Wire, and are intended to be used where strength and durability are required. They are especially adapted for freight and cattle cars, street crossings, factories, barns, stables, breweries, etc. They have given great satisfaction, and have proved to be the most economical Broom in use, owing to their great durability.

Ash Sifters, or Coal Sieves.

No. 1.



No. 2.



No. 3.

No. 1	Very strong Sifter, Heavy Wooden Hoop in one piece, through which the Wire Mesh is woven by hand	per dozen, $15 00
No. 2	Strong Sifter, with Lid Hinged in Centre	per dozen, 12 00
No. 3	Square Barrel Ash Sifter, made to fit ordinary barrel	per dozen, 10 00

Coal Sieves.

ASH SIFTERS OR COAL SIEVES.

Square, two in a nest; small one, 10½ x 14½ inch; large 12½ x 16½ inch . . . per dozen, $2 75
All large sizes . . . . . per dozen, 3 25

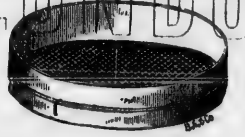
Timothy and Flour Sieves.

Three in a nest. Size 11, 12 and 13 inches diameter.

Nos. 14, 16, 18, 20 and 22 Mesh . . . per dozen, $2 00
Nos. 14, 16, 18, 20 and 22 Mesh, Tinned 2 25

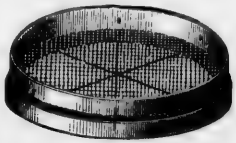
These Sieves will be found to be of superior make and quality.

Farmers' Seed Sieves.



18 inch diameter, 2 to 22 Mesh . . . . . per dozen, $5 00

MOULDERS' RIDDLES.

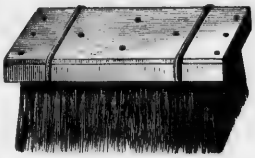


Nos. 1, 7/8, 3/4, 5/8, 1/2, 3/8 Mesh. Nos. 3, 4, 5, 6, 7, 8, 10, 12 Mesh.

Steel and Iron, 18 inches diameter	per dozen, $ 8 00
Galvanized, 18 inches diameter	per dozen, 10 00
Brass, 18 inches diameter	per dozen, 13 00

The care bestowed upon these to produce a strong and durable article has earned for them a favorable reputation, and the increased demand prove them to meet the requirements of Iron Founders.

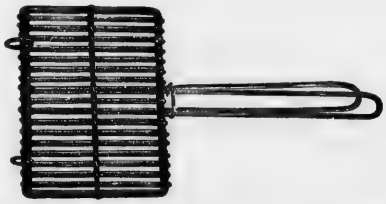
STEEL WIRE MOULDERS' BRUSHES.



No. 1	Square Brush, 2 Rows, 3½ inch Wire	per dozen, $5 00
No. 2	Square Brush, 3 Rows, 3½ inch Wire	per dozen, 6 00
No. 3	Square Brush, 4 Rows, 3½ inch Wire	per dozen, 6 75
No. 4	Square Brush, 5 Rows, 3½ inch Wire	per dozen, 7 50
No. 8	Round Brush, 3¼ inch diameter, 4 inch Wire	per dozen, 6 75
No. 9	Round Brush, 3½ inch diameter, 4 inch Wire	per dozen, 7 00

The numbers 3, 4 and 8 are the sizes generally used. All our Brushes are made of the best Flat Steel Wire, and on the most approved principle. A special price given for large quantities.

STEAK BROILERS.



HEAVY RIVETED STEAK BROILERS.

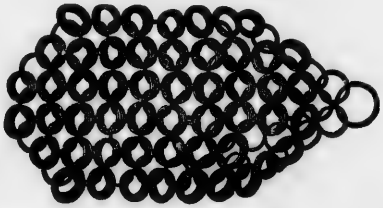
6 x 8 inch	per dozen, $3 00	10 x 12 inch	per dozen, $20 00
8 x 10 inch	per dozen, 3 50	12 x 14 inch	per dozen, 22 00
10 x 12 inch	per dozen, 4 00	14 x 16 inch	per dozen, 24 00
12 x 14 inch	per dozen, 5 00	14 x 18 inch	per dozen, 26 00

PLATE LIFTER.

Per dozen $1 00

WIRE RING POT CLEANER.

Put up one dozen in a box.



THIS ABSOLUTELY INDISPENSABLE ARTICLE SHOULD BE IN EVERY KITCHEN.

No. 1	Regular Size	per dozen, $1 00
No. 2	Large	per dozen, 1 25

CORK PULLER.

Per dozen $1 25

POTATO MASHER.

Per dozen $1 00

VEGETABLE BOILERS.

5, 6 and 7 inch in Nest.

Tinned . . . . . per dozen, $3 00
Twisted . . . . . per dozen, 2 75

STEEL WIRE CARPET WHIPS.

LARGE SIZE.

Price . . . . . per dozen, $3 00

SMALL SIZE.

Price . . . . . per dozen, $2 75

A most useful article for beating and cleaning Carpets, Rugs, Mats, etc.

COAT HANGER.

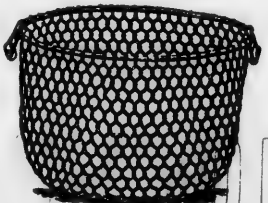
Per dozen $1 50

Made of Coppered Wire. Will fit any Coat and keep it in perfect shape

TOASTING FORKS.

		Iron.	Tinned.
No. 1	Three-Prong	per dozen, $0 75	$0 90
No. 2	Four-Prong	per dozen, 80	95
No. 3	Swinging	per dozen, 1 20	1 35

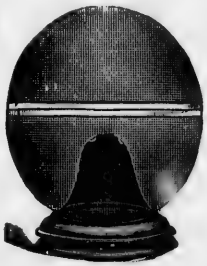
WIRE BASKETS.



No. 00	To hold 1 peck	each, $1 25
No. 0	To hold ½ bushel	each, 1 75
No. 1	To hold 60 pounds, or about 1 bushel	each, 2 50
No. 2	To hold 90 pounds, or about 1½ bushels	each, 3 00
No. 3	To hold 120 pounds, or about 2 bushels	each, 3 50

These Baskets are made of Galvanized Wire which does not rust. Are used by farmers for potatoes and various other purposes, also used by fish dealers. The wires are firmly twisted and united together, and the Basket is very strong and durable.

FLY TRAPS



GLOBE FLY TRAP

Packed in boxes of one dozen each.

Per dozen . $

CHAMPION FLY TRAP

Packed in boxes of one dozen each.

Per dozen . . $

CORN POPPERS

SQUARE POPPER.

ROUND POPPER.

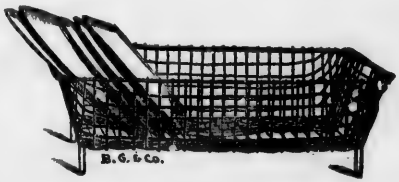
Square, Round Cornered Corn Popper, Screw Wood Handle . . . . . per dozen, $
Round Corn Popper, Screw Wood Handle . . . . . per dozen,

ROUND DISH COVERS

Round, Blue or Plated. 6, 7, 8, 9 and 10 Inch.

Round, Blue, Set of five . . . . . per set,
Round, Plated, Set of five . . . . . per set,

DISH DRAINER



DISH DRAINER.

No. **1** Size 16 x 20 inches . . . per dozen, **$15 00**
No. **2** Size 18 x 24 inches . . . per dozen, **18 00**

WIRE MEAT STAND

WIRE MEAT STAND.

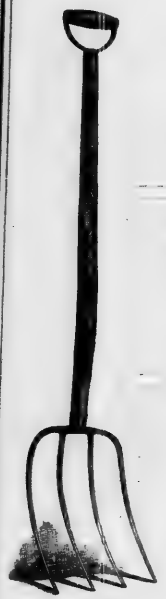
No. **1** Size 6 x 9½ . . . . . per dozen, **$2 50**
No. **2** Size 7 x 11 . . . . . per dozen, **3 00**

This is intended to hold a joint while roasting, and allows potatoes or pudding to be baked at the same time under the joint.

OTSEGO MANURE FORKS

MADE OF BEST CRUCIBLE STEEL. SOLID SHANK. BLUE AND GOLD FINISH.

IRON, D HANDLE, POLISHED.



No. 1.

No. 10.

No. 13.

Standard Length of Tines, 12 inches.

		List Per Doz.
No. 1	Oval, 4 Tine, D Handle, Plain Capped Ferrule	$13 50
No. 2	Oval, 4 Tine, D Handle, Strapped and Capped Ferrule	15 00
No. 9	Oval, 5 Tine, D Handle, Plain Capped Ferrule	20 50
No. 10	Oval, 5 Tine, D Handle, Strapped and Capped Ferrule	22 00
No. 13	Oval, 6 Tine, D Handle, Plain Capped Ferrule	23 50
No. 14	Oval, 6 Tine, D Handle, Strapped and Capped Ferrule	25 00

LONG HANDLE, POLISHED.

No. 4.

No. 11.

No. 16.

Standard length of Tines, 12 inches.

		List Per Doz.
No. 3	Oval, 4 Tine, Plain Capped Ferrule	$12 50
No. 4	Oval, 4 Tine, Strapped and Capped Ferrule	14 00
No. 11	Oval, 5 Tine, Plain Capped Ferrule	19 50
No. 12	Oval, 5 Tine, Strapped and Capped Ferrule	21 00
No. 15	Oval, 6 Tine, Plain Capped Ferrule	22 50
No. 16	Oval, 6 Tine, Strapped and Capped Ferrule	24 00

OTSEGO HAY FORKS

MADE OF BEST CRUCIBLE STEEL. BLUE AND GOLD FINISH.

Standard Length of Tines 12 inches, Full Polished.

No. 35.

No. 36.

No. 360.

No. 0.

No. 39.

No. 43.

		List Per Doz.
No. **35**	Oval, 3 Tine, Plain Capped Ferrule	**$ 9 00**
No. **36**	Oval, 3 Tine, Strapped and Cap Ferrule	**10 50**
No. **350**	Oval, 3 Tine, Bent Handles, Plain Capped Ferrules	**9 50**
No. **360**	Oval, 3 Tine, Bent Handles, Strapped and Capped Ferrule	**11 00**
No. **361**	Oval, 3 Tine, Socket Ferrule	**10 50**
No. **0**	Oval, 4 Tine, Bent Handles, Plain Capped Ferrule	**12 50**

		List Per Doz.
No. **39**	Oval, 2 Tine, Plain Capped Ferrule	**$7 25**
No. **40**	Oval, 2 Tine, Strapped and Capped Ferrule	**8 75**
No. **43**	Oval, 2 Tine, Boys' 8½ inch, Plain Capped Ferrule	**6 00**
No. **390**	Oval, 2 Tine, Bent Handle, Plain Capped Ferrule	**7 75**
No. **400**	Oval, 2 Tine, Bent Handle, Strapped and Capped Ferrule	**9 25**

A 1 XXTRA FORKS

THESE GOODS ARE MADE EXPRESSLY FOR

No. **35**	Oval, 3 Tine, Plain Capped Ferrule	**$9 00**
No. **36**	Oval, 3 Tine, Strapped and Cap Ferrule	**10 50**
No. **350**	Oval, 3 Tine, Bent Handles, Plain Capped Ferrules	**9 50**
No. **360**	Oval, 3 Tine, Bent Handles, Strapped and Capped Ferrule	**11 00**
No. **361**	Oval, 3 Tine, Socket Ferrule	**10 50**
No. **0**	Oval, 4 Tine, Bent Handles, Plain Capped Ferrule	**12 50**

		Per Doz.
No. **39**	Oval, 2 Tine, Plain Capped Ferrule	**$7 25**
No. **40**	Oval, 2 Tine, Strapped and Capped Ferrule	**8 75**
No. **43**	Oval, 2 Tine, Boys' 8½ inch, Plain Capped Ferrule	**6 00**
No. **390**	Oval, 2 Tine, Bent Handle, Plain Capped Ferrule	**7 75**
No. **400**	Oval, 2 Tine, Bent Handle, Strapped and Capped Ferrule	**9 25**

A 1 XXTRA FORKS

THESE GOODS ARE MADE EXPRESSLY FOR OUR TRADE FROM THE BEST QUALITY OF CAST STEEL, EACH FORK BEING THOROUGHLY TESTED, AND IN POINT OF FINISH AHEAD OF ANY. HANDLES SELECTED FROM SECOND GROWTH WHITE ASH OF EXTRA LARGE GRAIN, OILED AND WAXED.

A 1 XXTRA MANURE FORKS

Solid Steel Shank, Improved Double Round End, Slotted Ferrules, Gold Bronze Finish.

No. 51.

No. 54.

		List Per Dozen
No. **51**	Oval, 4 Tine, D Handle, Plain Capped Ferrule	**$15 00**
No. **52**	Oval, 4 Tine, D Handle, Strapped and Capped Ferrule	**16 50**
No. **53**	Oval, 4 Tine, Long Handle, Plain and Capped Ferrule	**14 00**
No. **54**	Oval, 4 Tine, Long Handle, Strapped and Capped Ferrule	**15 50**

A 1 XXTRA HAY FORKS.

Every Fork tested, Handles selected from second growth White Ash and Wax Finished, Gold Bronze Finish.

No. 600.

No. 620.

No. 59.

		List Per Dozen
No. **59**	Oval, 3 Tine, Plain Capped Ferrule	**$10 50**
No. **590**	Oval, 3 Tine, Plain Capped Ferrule, Bent Handle	**11 00**
No. **600**	Oval, 3 Tine, Strapped and Capped Ferrule, Bent Handle	**12 50**
No. **61**	Oval, 2 Tine, Plain Capped Ferrule	**8 25**
No. **62**	Oval, 2 Tine, Strapped and Capped Ferrule	**9 75**
No. **610**	Oval, 2 Tine, Plain Capped Ferrule, Bent Handle	**8 75**
No. **620**	Oval, 2 Tine, Strapped and Capped Ferrule, Bent Handle	**10 25**

OTSEGO FORKS

MADE FROM ONE SOLID PIECE OF BEST CRUCIBLE STEEL. EXTRA POLISHED.

HANDLES SELECTED FROM WHITE ASH AND WAX FINISHED.

"HEADER" FORKS.

No. 71.

"SLUICE" FORKS.

No. 44.

"EUREKA" FORKS.

No. 254.

"SPADING" FORKS.

No. 31.

		List per doz.
	OTSEGO HEADER FORKS.	
No. **71**	Oval, 3 Tine, 14 inch, Bent Handle, Plain Capped Ferrule,	**$10 75**
	OTSEGO SLUICE FORKS.	
No. **44**	Oval Back, 8 Tine, Strapped and Capped Ferrule -	**36 00**
	OTSEGO EUREKA FORKS.	
No. **254**	Oval, 8 Tine, Strapped and Capped Ferrule - -	**45 00**
No. **256**	Oval, 10 Tine, Strapped and Capped Ferrule - -	**55 00**

		List per doz.
	OTSEGO SPADING FORKS.	
No. **31**	Bayonet Back, 4 Tine, D Handle, Plain Capped Ferrule,	**$18 00**
No. **32**	Bayonet Back, 4 Tine, D Handle, Strapped and Capped Ferrule,	**19 50**
No. **031**	Bayonet Back, 4 Tine, Long Handle, Plain Capped Ferrule,	**17 50**
No. **032**	Bayonet Back, 4 Tine, Lg. H'dle, Strapped and Capped Ferrule,	**19 00**
	NEW PATTERN SQUARE SHOULDER SPADING FORKS.	
No. **23**	Bayonet Back, 4 Tine, D Handle, Plain Capped Ferrule,	**$20 00**

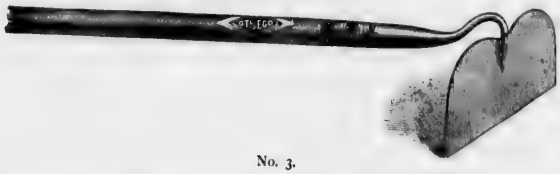
FIELD HOES

SIZES 7, 7½ AND 8 INCH WILL BE SENT UNLESS OTHERWISE ORDERED. ONE-THIRD EACH IN THE DOZEN.

No. 1.

		List Per Dozen
No. 1	Solid Shank, Full Polished, Capped Ferrule, Selected Handles	$8 00

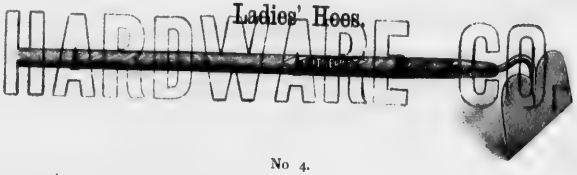
Solid Socket Hoes.



No. 3.

No. 3	Socket, Full Polished Blades, Selected Handles	$9 00

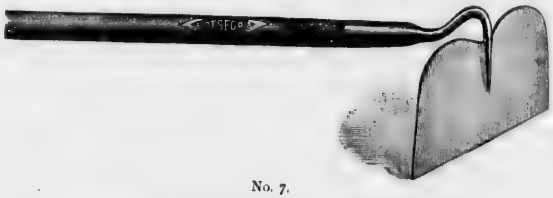
Ladies' Hoes.



No 4.

No. 4	Solid Shank, Full Polished, Selected Handles	$6 00

Mortar or Street Hoes.



No. 7.

ROUND END FERRULES, CAPPED, BLUE FINISH.

No. 6	Solid Shank, 10 inch, Polished Blade, 6 foot Handles	$13 00
No. 7	Socket, 10 inch, Polished Blade, 6 foot Handles	14 50
No. 8	Solid Shank, 9 inch, Polished Blade, 5½ foot Handles	12 00

For Handles 6½ and 7 feet advance 75 cents per foot per dozen list.

HOBBS HARDWARE CO. LONDON

WEEDING HOES AND RAKES

BLUE FINISH. ROUND END FERRULES.

No. 1.

Per Dozen

1 Prong, Polished Cast Steel, Weed or Onion Hoe, **$5 75**

No. 2.

Per Dozen

2 Prong, Polished Cast Steel, Weed or Onion Hoe, **$7 00**

No. **5**	4 Teeth, Malleable Iron, Cast Steel Blade, Weed Hoe	per dozen, **$5 00**
No. **6**	6 Teeth, Malleable Iron, Cast Steel Blade, Weed Hoe	per dozen, **5 50**

No. 2.

Otsego Garden Rakes.

MALLEABLE IRON, WEB BRACED SHANK.

No. **00**	8 Teeth, Malleable Iron	per dozen, **$5 00**
No. **0**	10 Teeth, Malleable Iron	per dozen, **5 50**
No. **1**	12 Teeth, Malleable Iron	per dozen, **6 00**
No. **2**	14 Teeth, Malleable Iron	per dozen, **6 50**

Otsego Cast Steel.

POLISHED TAPER HEAD, GOOSE NECK SHANK

BLUE FINISH.

		Per Dozen
No. **3**	10 Teeth, Cast Steel, Capped Ferrules,	**$ 9 00**
No. **4**	12 Teeth, Cast Steel, Capped Ferrules,	**10 00**
No. **5**	14 Teeth, Cast Steel, Capped Ferrules,	**11 00**

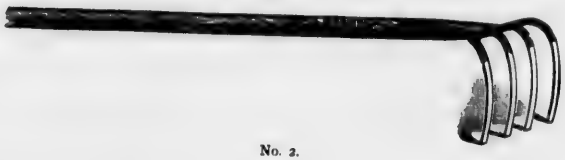
Braced Shank, Curved Teeth.

		List Per Dozen
No. **7**	10 Teeth, Cast Steel, Polished, Braced Shank	**$10 50**
No. **8**	12 Teeth, Cast Steel, Polished, Braced Shank	**11 50**
No **9**	14 Teeth, Cast Steel, Polished, Braced Shank	**12 50**
No. **10**	16 Teeth, Cast Steel, Polished, Braced Shank	**13 50**

OTSEGO POTATO HOOKS

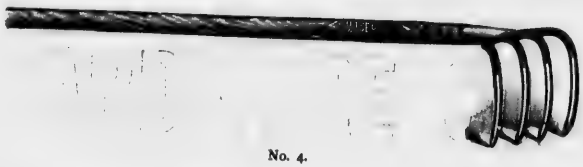
CAPPED FERRULES.

MADE FROM ONE PIECE, BEST CRUCIBLE STEEL.



No. 2.

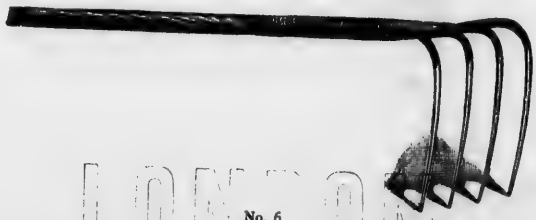
		List Per Dozen
No. 1	Round, 4 Tine, Cast Steel, Bent Tines	$7 50
No. 2	Flat, 4 Tine, Cast Steel, Bent Tines	8 50



No. 4.

No. 4	Bayonet Back, 4 Tine, Cast Steel, Bent Tines	$9 50

OTSEGO MANURE HOOKS



No. 6.

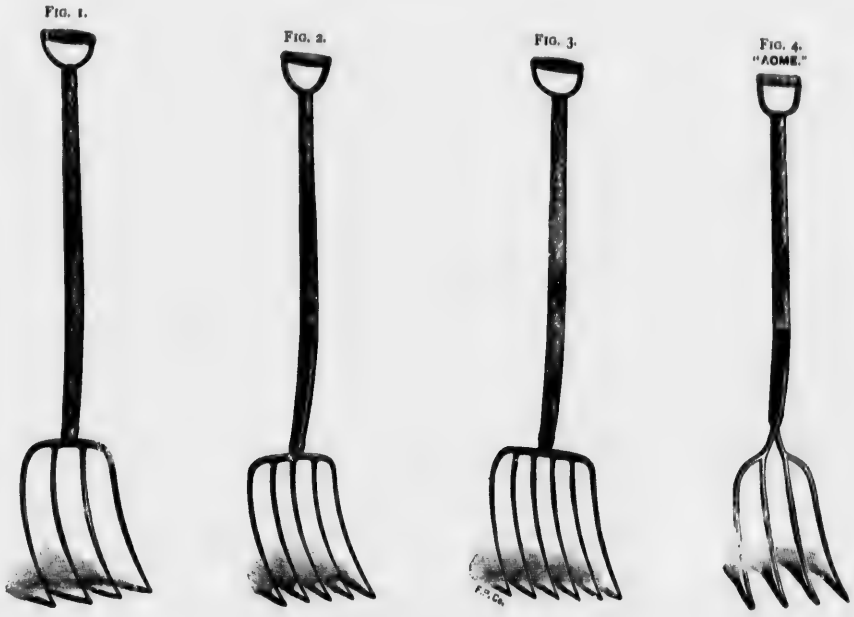
MADE FROM ONE SOLID PIECE OF BEST CRUCIBLE STEEL.

No. 6	Oval, 4 Tine, Capped, Round End, Ferrules	$10 00

"WELLAND VALE"

MANURE FORKS

MADE OF BEST CAST STEEL. SOLID STEEL SHANKS.



D HANDLES.

	List Per Dozen
4 Tine, Oval, D Handle, Capped Ferrule (Fig. 1)	$11 50
4 Tine, Oval, D Handle, Strapped and Capped Ferrule	13 00
5 Tine, Oval, D Handle, Capped Ferrule	15 00
5 Tine, Oval, D Handle, Strapped and Capped Ferrule (Fig. 2)	16 50
6 Tine, Oval, D Handle, Capped Ferrule (Fig. 3)	17 00
6 Tine, Oval; D Handle, Strapped and Capped Ferrule	18 50
4 Tine, "Acme," Double Shank, D Handle, Capped Ferrule (Fig 4)	12 50
4 Tine, "Acme," Double Shank, D Handle, Strapped and Capped Ferrule	14 00

MANURE FORKS

MADE OF BEST CAST STEEL. SOLID STEEL SHANKS.

FIG. 5.

FIG. 6.

FIG. 7.

LONG HANDLES.

	List Per Dozen
4 Tine, Oval, Long Handle, Capped Ferrule	$10 50
4 Tine, Oval, Long Handle, Strapped and Capped Ferrule (Fig. 5)	12 00
5 Tine, Oval, Long Handle, Capped Ferrule (Fig 6)	14 00
5 Tine, Oval, Long Handle, Strapped and Capped Ferrule	15 50
6 Tine, Oval, Long Handle, Capped Ferrule	16 00
6 Tine, Oval, Long Handle, Strapped and Capped Ferrule (Fig 7)	17 50
4 Tine, "Acme," Double Shank, Long Handles, Capped Ferrule	11 50
4 Tine, "Acme," Double Shank, Long Handles, Strapped and Capped Ferrule	13 00

"WELLAND VALE"

HAY FORKS

MADE OF BEST CAST STEEL. SOLID STEEL SHANKS.

FIG. 8.

FIG. 9.

FIG. 10.

FIG. 11.

	List Per Dozen
2 Tine, Cast Steel, Boys' Forks	$5 50
2 Tine, Oval, Capped Ferrule	6 00
2 Tine, Oval, Capped Ferrule, Bent Handle	6 50
2 Tine, Oval, Capped Ferrule, 14 inch Tines	7 50
2 Tine, Oval, Strapped and Capped Ferrule	7 25
2 Tine, Oval, Strapped and Capped Ferrule, Bent Handle (Fig. 8)	7 75
2 Tine, Oval, Socket	7 25
3 Tine, Oval, Capped Ferrule (Fig. 9)	7 50
3 Tine, Oval, Capped Ferrule, Bent Handle	8 00
3 Tine, Oval, Capped Ferrule, 14 inch Tines	9 00
3 Tine, Oval, Strapped and Capped Ferrule (Fig. 10)	8 75
3 Tine, Oval, Strapped and Capped Ferrule, Bent Handles (Fig. 11)	9 25
3 Tine, Oval, Socket	8 75

STRAW, HEADER

AND BARLEY FORKS

MADE OF BEST CAST STEEL. SOLID STEEL SHANKS.

FIG. 12.

FIG. 13.

FIG. 14.

FIG. 15.

	List Per Dozen
4 Tine, Oval, Hay Forks, 12 inch Tine, Capped Ferrule, Bent Handle (Fig. 12)	$5 50
3 Tine, Oval, Straw Forks, 14 inch Tine, Capped Ferrule	6 00
4 Tine, Oval, Straw Forks, 16 inch Tine, Capped Ferrule (Fig. 13)	6 50
3 Tine, Oval, Barley Forks, 16 inch Tine, Capped Ferrule (Fig. 14)	7 50
4 Tine, Oval, Barley Forks, 20 inch Tine, Capped Ferrule	7 25
4 Tine, Oval, Barley Forks, 20 inch Tine, with Moveable Backs (Fig. 15)	7 75
	7 25
	7 50
	8 00
	9 00
	8 75
	9 25
	8 75

"WELLAND VALE"

COKE, COAL AND TANNERS' FORKS.

SPADING AND POTATO FORKS.

Fig. 16.

Fig. 17.

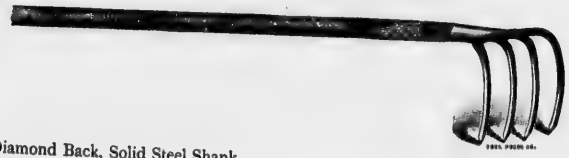
Fig. 18.

Fig. 19.

	List Per Dozen
8 Tine, Coke, Coal and Tanners' Forks, Strapped and Capped Ferrule (Fig. 17)	$30 00
10 Tine, Coke, Coal and Tanners' Forks, Strapped and Capped Ferrule	33 00
12 Tine, Coke, Coal and Tanners' Forks, Strapped and Capped Ferrule (Fig. 16)	36 00
4 Tine, Spading Forks, D Handle, Capped Ferrule (Fig. 18)	14 25
4 Tine, Spading Forks, D Handle, Strapped and Capped Ferrule	15 75
4 Tine, Spading Forks, Long Handle, Capped Ferrule	13 50
4 Tine, Spading Forks, Long Handle, Strapped and Capped Ferrule	15 00
4 Tine, Potato Forks, Long Handle, Capped Ferrule (Fig. 19)	10 50
4 Tine, Potato Forks, D Handle, Capped Ferrule	11 50

POTATO HOOKS

AND MANURE DRAGS



4 Tine, Potato Hooks, Diamond Back, Solid Steel Shank . . . . . per dozen, **$9 50**

4 Tine, Potato Hooks, Round, Solid Steel Shank . . . . . per dozen, **$7 50**

4 Tine, Potato Hooks, Flat, Solid Steel Shank . . . . . per dozen, **$9 50**

6 Tine, Manure Drags, Solid Steel Shank . . . . . per dozen, **$13 00**

4 Tine, Manure Drags, Solid Steel Shank . . . . . per dozen, **$ .9 50**
5 Tine, Manure Drags, Solid Steel Shank . . . . . per dozen, **11 00**

"WELLAND VALE"

WEEDING HOE AND RAKE

Cast Steel, Solid Neck, 4 Tooth Weeding Hoes - - - - - - - - per dozen, **$7 00**

Solid Neck Ladies' Hoes.

Cast Steel, Solid Neck Ladies' Hoes, 4 inch Blade - - - - - - - per dozen, **$5 50**
Cast Steel, Solid Neck Garden Hoes, 6 inch Blade - - - - - - - - per dozen, **6 00**

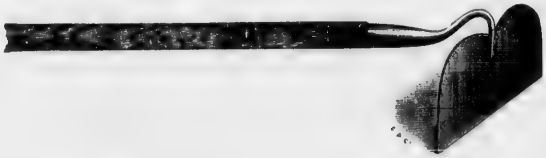
"Dominion" Cultivator Hoes.

Cast Steel, Solid Neck Field Hoes, "Dominion" Cultivator - - - - - - per dozen, **$7 00**

Solid Neck Field Hoes.

Cast Steel, Solid Neck Field Hoes - - - - - - - - - per dozen, **$6 25**

Socket Field Hoes.



Cast Steel Socket Field Hoes, Hammer Finish - - - - - - - - per dozen, **$7 25**

SOLID NECK TURNIP HOES

Cast Steel, Solid Neck, Turnip Hoes, assorted, 8 to 10 inch Blade . . . . . per dozen, **$6 50**

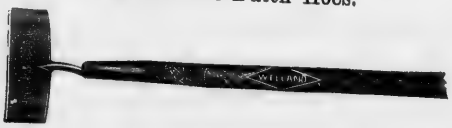
Solid Neck Mortar Hoes.

Cast Steel, Solid Neck, Mortar Hoes . . . . . per dozen, **$9 00**

Mortar Hoes (Improved).

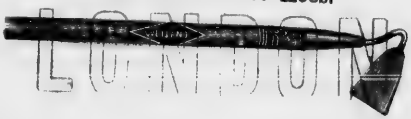
Cast Steel Mortar Hoes (improved) . . . . . per dozen, **$10 00**

Solid Neck Dutch Hoes.



Cast Steel, Solid Neck, Dutch Hoes . . . . . per dozen, **$7 00**

Solid Neck Carrot Hoes.



Cast Steel, Solid Neck, Carrot Hoes . . . . . per dozen, **$5 75**

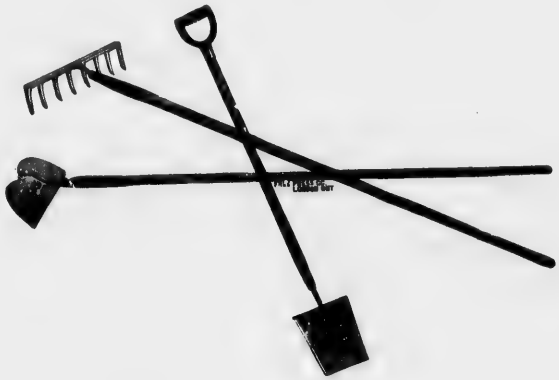
"WELLAND VALE"

SOLID NECK WEED CUTTERS

Cast Steel, Solid Neck, Weed Cutter - - - - - - - - - per dozen, **$4 50**

GARDEN TOOLS.

IN SETS.



Garden Tools—1 each, Hoe, Rake and Spade, to Set - - - - - - - per set, **$2 20**

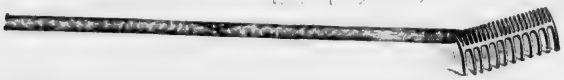
VEGETABLE SCOOPS.

10 Prong Cast Steel Vegetable Scoops, D Handle - - - - - - - per dozen, **$20 00**

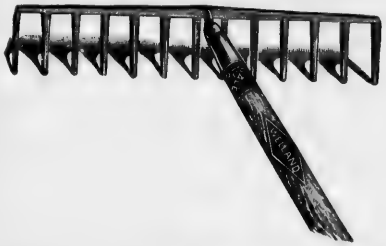
"WELLAND VALE"

GARDEN RAKES

JONES' PATENT REVERSIBLE GARDEN RAKE.



Jones' Patent Reversible, Malleable Iron, Garden Rakes - - - - - - - per dozen, **$8 00**



GARDEN RAKE.

MALLEABLE IRON

Malleable Iron, 13 Tooth - - per dozen, **$6 50**

GARDEN RAKE.

PATENT BRACED HEAD.

Malleable Iron, 12 Tooth - - - per dozen, **$6 50**

EXCELSIOR
PATENT SOLID STEEL BRACED HEAD
GARDEN RAKE.

MADE EXCLUSIVELY BY THE

WELLAND VALE MANUFACTURING CO.

ST. CATHARINES, ONT.

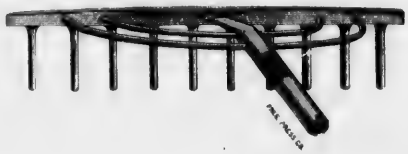
Pat. 10th March, 1882.

Excelsior, 10 Tooth, Patent, Solid Steel, Braced Head	per dozen,	$ 8 50
Excelsior, 12 Tooth, Patent, Solid Steel, Braced Head	per dozen,	9 50
Excelsior, 14 Tooth, Patent, Solid Steel, Braced Head	per dozen,	10 50
Excelsior, 16 Tooth, Patent, Solid Steel, Braced Head	per dozen,	11 50
Excelsior, Assorted, Patent, Solid Steel, Braced Head	per dozen,	9 50

HAND HAY RAKES

MANUFACTURED BY THE

STRATHROY MANUFACTURING COMPANY.



		List Per Dozen
No. 2	Straight, Wood Bows	$1 00
No. 1	Straight, Wood Bows	1 20
No. 1	Straight, Wire Bows	1 25
No. 1	Bent Wood Bows	1 35
No. 1	Bent Wire Bows	1 40
No. 1	Bent Wood Bows, with Ferrules	1 60
No. 1	Bent Wire Bows, with Ferrules	1 65
No. x	Bent Wood Bows, White Ash Heads and Handles	1 75
No. xx	Bent Wood Bows, Selected White Ash Heads and Handles	2 25
No. xxx	Bent Wood Bows, Mortised Heads	2 50
No. xxx	Bent Wire Bows, Mortised Heads	2 55
Lawn Rakes, 20 Teeth (Wood and Iron)		3 00
Extras—3 Bows	per dozen, net,	25c
Extras—Oiling	per dozen, net,	10c

One Dozen in a Package.

WIRE LAWN RAKES

Wire Lawn Rakes, Handled . . . . . per dozen, $

	List Per Dozen
	$1 00
	1 20
	1 25
	1 35
	1 40
	1 60
	1 65
	1 75
	2 25
	2 50
	2 55
	3 00
ozen, net,	25c
ozen, net,	10c

ozen, $

HAY KNIVES

SPEAR POINT

HEATH PATENT.

LIGHTNING.

Spear Point, T Handle	per dozen, $16 00
Spear Point, L Handle	per dozen, 16 00
Heath Patent Hay Knives	per dozen, 18 00
Improved Lightning, Solid Steel	per dozen, 23 00

BORDER KNIVES OR TURF EDGERS

Cast Steel, Solid Neck Turf Edgers, with Handles . . . . . per dozen, $12 00

BORDER KNIFE

SOCKET.

NINE INCH BLADE.

No. 1 Border Knives . . . per dozen, $9 00

EMERY KNIFE SHARPENERS

COOK'S FRIEND.

COOK'S FRIEND—Emery Knife Sharpeners, Wire Centre . . . . . per dozen, $

SOLID EMERY
SCYTHE SHARPENERS.

MOWER'S FRIEND.

SCYTHE SHARPENERS—Solid Emery . . . . . per dozen, $
MOWER'S FRIEND—Emery . . . . . per dozen,

SCYTHE STONES

INDIAN POND—No. 2 (Red End) . . . . . per gross, $

Packed in ¼ and ½ gross packages.

BLACK DIAMOND . . . . . per gross, $

Pocked in ¼ gross slide-cover boxes.

GREEN MOUNTAIN—Best . . . . . per gross, $

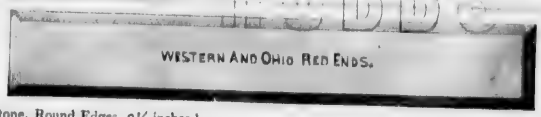
Packed in ¼ gross boxes.

MOWING MACHINE STONE—No. 1 . . . . . per gross, $

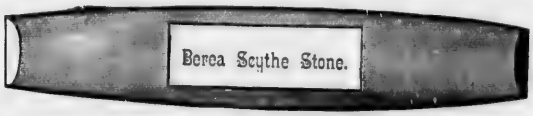
Packed in ¼ gross boxes.

SCYTHE STONES

LAKE HURON—Flat Stone, Square Edges, 9½ inches long . . . . . per gross, $
Packed in ¼ gross boxes.

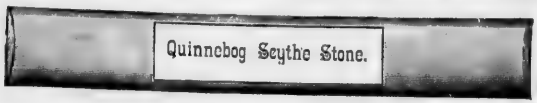


WESTERN RED ENDS—Flat Stone, Round Edges, 9½ inches long . . . . . per gross, $
Packed in ¼ gross boxes.



BEREA——Half Oval Sides, Flat Edges. Tapers both ways from centres, Smooth Finish . . . . . per gross, $
Packed in ¼ gross boxes.

CLEAR GRIT—Full Oval Shape, Sand Bed Finish . . . . . per gross, $
Packed in ¼ gross boxes.



QUINNEBOG Full Oval Shape, 9½ inches long, Medium Grit . . . . . per gross, $
Packed in ¼ gross boxes

TIGER CROWN—Octagon, 10 inches long, Fine Grit . . . . . per gross, $
Packed in ¼ gross boxes.

ENGLISH ROUND—Smooth Grit, 12 inches long . . . . . per 100, $
Packed 25 in a box.

GRINDSTONES

Lake Huron, 20 to 200 pounds . . . per ton, $
" 200 pounds and larger . . . per ton,
Berea, 20 to 200 pounds . . . per ton,
" 200 pounds and larger . . . per ton,

TABLE OF WEIGHTS OF GRINDSTONES.

Inches in thickness	DIAMETER												
	2 feet	2 feet 3 in.	2 feet 6 in.	2 feet 9 in.	3 feet	3 feet 3 in.	3 feet 6 in.	3 feet 9 in.	4 feet	4 feet 3 in.	4 feet 6 in.	4 feet 9 in.	5 feet
2	73	92	....	....	....	....	....	....	....	....	....	....	....
2½	91	116	143	173	....	....	....	....	....	....	....	....	....
3	110	130	171	207	247	290	....	....	....	....	....	....	....
3½	128	162	200	242	288	338	392	....	....	....	....	....	....
4	146	185	229	277	329	387	448	515	....	....	....	....	....
4½	....	....	....	....	371	435	505	579	659	....	....	....	....
5	....	....	....	....	412	483	561	644	733	827	....	....	....
5½	....	....	....	....	....	....	....	708	806	910	1020	1137	....
6	....	....	....	....	....	....	....	773	879	993	1112	1240	....
6½	....	....	....	....	....	....	....	....	....	1075	1205	1343	1488
7	....	....	....	....	....	....	....	....	....	....	1298	1447	1603

FAMILY GRINDSTONES

JAPANNED BLACK.

PACKED HALF DOZEN IN A BOX.

No. 1 Kitchen Grindstone, Diameter of Stone 6 inches, per dozen, $
No. 2 Kitchen Grindstone, Diameter of Stone 7 inches, per dozen,
No. 3 Kitchen Grindstone, Diameter of Stone 8 inches, per dozen,

THE SAMSON

MOUNTED GRINDSTONE

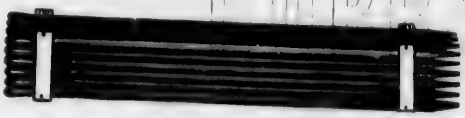
Mounted with specially selected Stone.

The "Samson" is one of the strongest and most showy Square Frames ever made. It stands absolutely solid, and, being strongly braced and bolted, will not give way, however harsh the usage.

No. 1 Stone Weighs 100 to 110 lbs., per dozen, $
No. 2 Stone Weighs 70 to 80 lbs., per dozen,
No. 3 Stone Weighs 40 to 50 lbs., per dozen,

HANDLES

WHITE ASH FORK HANDLES



		No. 2.	No. 1.	Extra.
4 feet	per dozen,	50	70	95
4½ feet	per dozen,	60	80	1 10
5 feet	per dozen,	70	95	1 25
5½ feet	per dozen,	85	1 10	1 40
6 feet	per dozen,	1 00	1 25	1 60

		4½	5	5½	6 ft.
Extra Bent	per dozen,	$1 35	1 50	1 70	1 85
Extra Barley, C. & B, and Bent	per dozen,		$1 60	1 80	2 10
Garden Rake	per dozen,		$0 90	1 00	1 10

Hoe Handles per dozen, 85c

	Short.	Short, C. & B. and Bent.	Long, C. & B. and Bent.
Manure Fork Handles	per dozen, $0 60	1 00	1 35

		4½ ft.	4½ ft., Bent.
Long Shovel and Spade Handles	per dozen,	$1 20	1 60

Chucking and Boring per dozen, net, 10c.
Ferruling per dozen net, 60c.

MALLEABLE IRON D TOP HANDLES

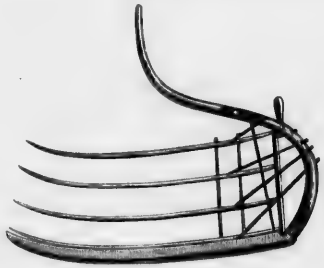
Malleable Iron Top Manure Fork Handles, Bent C. & B. per dozen, $2 60
Malleable Iron Shovel and Spade Handles, Bent C. & B per dozen, 2 60
Malleable Iron D Tops, without Handles per dozen, 1 60

FERRULES

Hoe and Rake Ferrules per dozen, $
Hay Fork Ferrules per dozen,
Manure Fork Ferrules per dozen,

GRAIN CRADLES

MANUFACTURED BY THE STRATHROY MANUFACTURING COMPANY.



FULL MULLEY.

	Per Dozen.
Full Mulley Cradles, without Scythes, Wooden Braces	$16 00
Full Mulley Cradles, with Scythes, complete, Wooden Braces	30 00
Full Mulley Cradles, without Scythes, Iron Braces	18 00
Full Mulley Cradles, with Scythes, complete, Iron Braces	32 00

IMPROVED MULLEY.

	Per Dozen.
Improved Mulley Cradles, without Scythes, Wooden Braces,	$16 00
Improved Mulley Cradles, with Scythes, complete "	30 00
Improved Mulley Cradles, without Scythes, Iron Braces.	18 00
Improved Mulley Cradles, with Scythes, complete "	32 00

HALF MULLEY.

	Per Dozen.
Half Mulley Cradles, without Scythes, Wooden Braces	$16 00
Half Mulley Cradles, with Scythes complete, Wooden Braces,	30 00
Half Mulley Cradles, without Scythes, Iron Braces	18 00
Half Mulley Cradles, with Scythes complete, Iron Braces	32 00

FRENCH MULLEY.

	Per Dozen.
French Mulley Cradle-, without Scythes, Wooden Braces	$16 00
French Mulley-Cradles, with Scythes complete "	30 00
French Mulley Cradles, without Scythes, Iron Braces	18 00
French Mulley Cradles, with Scythes complete, Iron Braces	32 00

MORGAN.

	Per Dozen.
Morgan Cradles, without Scythes, Wooden Braces	$16 00
Morgan Cradles, with Scythes complete	30 00
Morgan Cradle-, without Scythes, Iron Braces	18 00
Morgan Cradles, with Scythes complete, Iron Braces	32 00

TURKEY WING.

	Per Dozen.
Turkey Wing Cradles, without Scythes, Wooden Braces	$16 00
Turkey Wing Cradles, with Scythes complete, Wooden Braces	30 00
Turkey Wing Cradles, without Scythes, Iron Braces	18 00
Turkey Wing Cradles, with Scythes complete, Iron Braces	32 00

TELEPHONE.

	Per Dozen.
Telephone Cradles, 2 Nibs, without Scythes, Wooden Braces,	$16 00
Telephone Cradles, 2 Nibs, with Scythes complete "	30 00
Telephone Cradles, 2 Nibs, without Scythes, Iron Braces,	$18 00
Telephohe Cradles, 2 Nibs, with Scythes complete "	32 00

SCYTHE SNATHES

MANUFACTURED BY THE STRATHROY MANUFACTURING COMPANY.

		Per Dozen
No. 3	Scythe Snathes, Ring and Wedge Fastening	$6 00
No. 2	Scythe Snathes, Ring and Wedge Fastening	7 00
No. 1	Scythe Snathes, Ring and Wedge Fastening	8 00
No. 0	Scythe Snathes, Ring and Set Screw Fastening	8 50
	Double Ring Brush	9 00

Best grades are Mirror Polished. Half dozen in a package.

		Per Dozen
No. 3	Scythe Snathes, Loop Bolt Fastening	$7 00
No. 2	Scythe Snathes, Loop Bolt Fastening	8 00
No. 1	Scythe Snathes, Loop Bolt Fastening	9 00

Best grades are Mirror Polished.

		Per Dozen
No. 00	Scythe Snathes, Patent Slide Socket, Mirror Polished	$9 50

Half dozen in a package.

CRADLE FINGERS

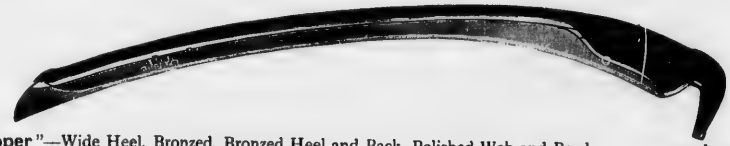
	Per Dozen
Cradle Fingers, Dressed	$1 50

SCYTHES

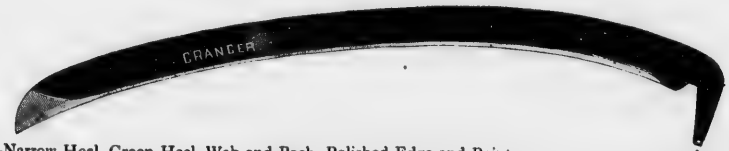
GRASS.

"Honest Dutchman"—Wide Heel. Black, Bronzed Web and Back, Green Mounted, Polished Bead, Point and Edge - - - - - - - - per dozen, **$13 00**

"Dutchman's Pride"—Wide Heel Green Heel, Web and Back, Polished Edge and Point, per dozen, **$12 50**



"Dutch Clipper"—Wide Heel. Bronzed, Bronzed Heel and Back, Polished Web and Bead - per dozen, **$14 50**



"Granger"—Narrow Heel, Green Heel, Web and Back, Polished Edge and Point - - per dozen, **$12 00**

"Excelsior"—Wide Heel, Bronzed, Solid Steel, Polished Web and Bead, Full Polished Back - per dozen, **$17 00**

SCYTHES

GRASS.

"Young American"—Narrow Heel, Bronzed Heel, Web and Back, Polish Edge and Point, per dozen, **$12 00**

"Silver Clipper"—Narrow Heel, Bronzed Heel and Back, Polished Web . . . per dozen, **$13 00**
In bundles of half and one dozen assorted lengths.

GRAIN SCYTHES.

"Harvest King"—Bronzed Heel and Back, Polished Web . . . . . per dozen, **$16 00**
"Cast Steel"—Painted, Polished Edge and Point . . . . . per dozen, **15 00**
In bundles of half dozen, assorted lengths, ground sharp.

BUSH SCYTHES.

"Bush" - Green Web, Heel and Back, Polished Edge and Point, lengths from 20 to 24 inches, per dozen, **$12 00**

GRASS HOOKS

Nos.	2	3	4
Per dozen, $			

CORN HOOKS.

Bright Steel Blade.

No. **1** - - - - - - per dozen, $

CORN KNIVES.

Corn Knives, 18 inch, Painted Red - - - - - - - - - per dozen, $

CORN PLANTER.

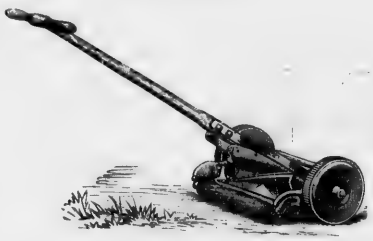
THE TRIUMPH.

For a cheap and durable Planter this excels all other two-hand ones for ease of working and correct dropping. The points are good steel plates, the slide or dropper being malleable iron. The seed passes down through a sheet iron tube. They work equally well on sod or old ground.

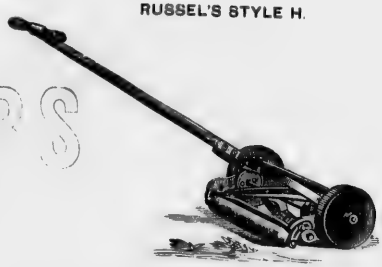
Price - - - - - - - - - - - - - - per dozen, **$15 00**

PHILADELPHIA LAWN MOWERS

RUSSEL'S STYLE M.



RUSSEL'S STYLE H.



CLOSED CYLINDER.

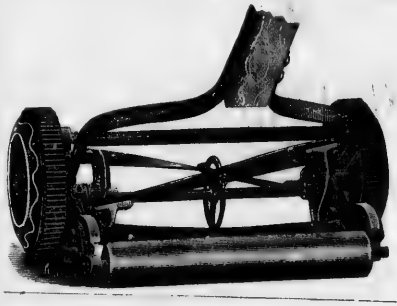
10 inch, Silent Ratchet, Weight 26 lbs.	$5 00 Net
12 inch, Silent Ratchet, Weight 29 lbs.	5 25 Net
14 inch, Silent Ratchet, Weight 36 lbs.	5 50 Net
16 inch, Silent Ratchet, Weight 38 lbs	6 00 Net
18 inch, Silent Ratchet, Weight 42 lbs.	6 50 Net

OPEN CYLINDER.

10 inch, Silent Ratchet, Weight 26 lbs.	$5 25 Net
12 inch, Silent Ratchet, Weight 29 lbs.	5 50 Net
14 inch, Silent Ratchet, Weight 36 lbs.	5 75 Net
16 inch, Silent Ratchet, Weight 38 lbs.	6 25 Net
18 inch, Silent Ratchet, Weight 42 lbs.	6 75 Net

DIAMETER OF DRIVING WHEELS 7 INCHES.

These are the Machines for general purposes. They have a three-bladed solid wiper; all blades secured by bolts; patent, self-locking pawls that cannot slip; the adjusting screws of both the stationary knife and wiper boxes are exposed; the knives sharpen themselves while cutting; the cut grass is all discharged in the rear of the machine, and as they will cut close up to trees, etc., the grass hook is seldom wanted. We warrant them to run easier, to be as durable, and to be capable of cutting as high grass as any lawn mower made, no matter how big wheels it has, or how heavy it may be or run.



THE PHILADELPHIA JR IMPROVED LAWN MOWER

With Light Open Cylinder. Easy Running.

Being made from the finest quality of Cast Steel and Malleable Iron, it is from 11 to 13 lbs. lighter than other Mowers of the same size. It is well finished, and, without exception, the strongest and easiest running Machine in the market.

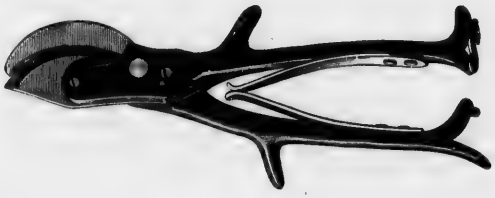
12 inch, Open Cylinder	each, $
14 inch, Open Cylinder	each,
16 inch, Open Cylinder	each,
18 inch, Open Cylinder	each,

QUAKER CITY LAWN MOWER.

Best Forward Cut Mower made in the United States.

Size.	Weight.	List Each
10 inch,	26 lbs.,	$13 00.
12 inch,	28 lbs.,	15 00.
14 inch,	35 lbs.,	17 00.
16 inch,	37 lbs.,	19 00.

PRUNING SHEARS

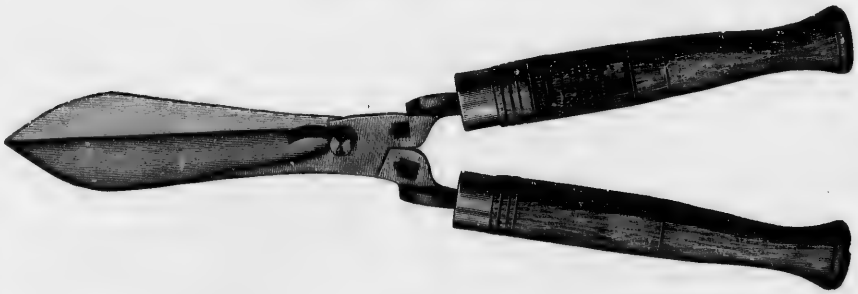


No. **1** Grangers' Fruning Shears . . . . . per dozen, $

TAYLOR PATTERN PRUNING SHEARS.

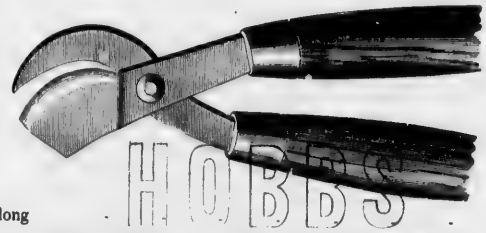
No. **7** With Smith's Graduated Spring . . . . . per dozen, $

HEDGE SHEARS



No. **101**. Hedge Shears . . .	inch.	8	9	10	12
	Per pair, $				

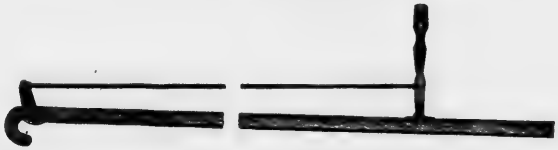
ROCHDALE PRUNERS



Rochdale Pruners, 27 inches long . . . . . per dozen, $

WATERS' TREE PRUNERS

LONG HANDLES.



No 1 6 foot Handles . . . . . per dozen, $
No. 1 8 foot Handles . . . . . per dozen,
No. 1 10 foot Handles . . . . . per dozen,

POST HOLE AUGERS

VAUGHAN'S.

IWAN'S PATENT.

HARDWARE CO.
LONDON

VAUGHAN'S.

Inch,	6	7	8	9
Per dozen,	$			

IWAN'S PATENT.

Inch,	7	8	9	
er dozen,	$			

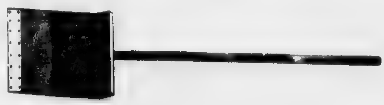
SPOONS

FOR DIGGING OUT POST HOLES.

Post Hole Spoons, Cast Steel, length of Handle 6 feet . . . . per dozen, **$11 00**

SNOW SHOVELS

WOOD, IRON TIPPED.



Wood Snow Shovels, Iron Tipped, assorted widths, 12, 13 and 14 inch . . . . per dozen, $

STEEL SNOW SHOVELS

Steel Snow Shovels . . . . per dozen, $

HORSE POKES

CLIMAX.

DICTATOR.

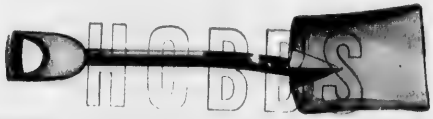
CHAMPION.

Climax . . . . per dozen, $
Dictator, assorted sizes, 16, 17 and 18 inch . . . . per dozen,
Champion, assorted sizes, 16, 17 and 18 inch . . . . per dozen,

SHOVELS

JONES', BURNS', GRAY'S AND OLD'S.

PATENT PLAIN BACK, SOLID CAST STEEL.



No. **20**	Jones' D Handle Square Point Shovels, No. 2, Polished	per dozen, **$16 50**
No. **21**	" " " " No. 3, "	per dozen, **17 25**
No. **22**	" " " " No. 4, "	per dozen, **18 50**
No. **23**	" " " " No. 6, "	per dozen, **19 00**
No. **24**	" " " Charcoal. No. 8, "	per dozen, **22 00**
No. **33**	" " Square Point Railroad, extra heavy, No. 2, Black	per dozen, **15 50**
No. **37**	Burns' D Handle Square Point Shovels, No. 2, Polished	per dozen, **15 00**
No. **38**	" " " " No. 3, "	per dozen, **16 00**
No. **47**	Gray's " " " No. 2, "	per dozen, **13 00**
No. **48**	" " " " No. 3, "	per dozen, **14 00**
No. **55**	O'd's " " " No. 2, "	per dozen, **10 50**

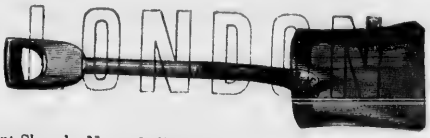
JONES', BURNS', GRAY'S AND OLD'S—PATENT PLAIN BACK, SOLID CAST STEEL.

No. **25**	Jones' D Handle Round Point Shovels, No. 3, Polished	per dozen, **$17 25**
No. **34**	Jones' " " Railroad, extra heavy, No. 3, Black	per dozen, **15 50**
No. **39**	Burns' " " Shovels, No. 3, Polished	per dozen, **16 00**
No. **49**	Gray's " " " No. 3, "	per dozen, **14 00**
No. **56**	Old's " " " No. 3, "	per dozen, **11 00**

ELEY'S CAST STEEL RIVETED BACK STRAP SHOVELS.

No. **59**	Eley's D Handle Square Point Shovels, No. 2, Polished	per dozen, **$11 00**
No. **62**	Eley's D Handle Round Point Shovels, No. 3, Polished	per dozen, **11 50**

H. PENN'S BACK-STRAP SHOVELS.



No. **67**	D Handle Square Point Shovels, No. 2, Polished	per dozen, **$8 50**
No. **68**	D Handle Round Point Shovels, No. 2, Polished	per dozen, **8 50**

SHOVELS

PATENT PLAIN BACK, SOLID CAST STEEL MOULDERS' SHOVELS.

No. **32**	Jones' D Handle Square Point Moulders' Shovels, No. 2, Polished	per dozen, **$17 00**
No. **43**	Burns' D Handle Square Point Moulders' Shovels, No. 2, Polished	per dozen, **16 00**

AMERICAN SHOVEL CO.'S

SOCKET SHOVELS, SOLID CAST STEEL.

D Handle Round Point Socket Shovels, Polished	per dozen, **$14 00**
D Handle Square Point Socket Shovels, Polished	per dozen, **14 00**
Long Handle Round Point Socket Shovels, Polished	per dozen, **14 00**

JONES', BURNS', GRAY'S AND OLD'S

PATENT PLAIN BACK, SOLID CAST STEEL.

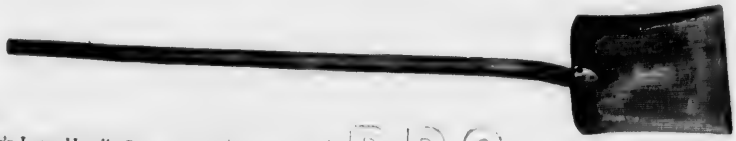
No. **26**	Jones' Long Handle Round Point Shovels, No. 2, Polished	per dozen, **$16 50**
No. **40**	Burns' Long Handle Round Point Shovels, No. 2, Polished	per dozen, **15 00**
No. **46**	Burn's Long Handle Round Point Shovels, Furrow, Polished	per dozen, **15 00**
No. **50**	Gray's Long Handle Round Point Shovels, No. 2, Polished	per dozen, **13 00**
No. **57**	Old's Long Handle Round Point Shovels, No, 2, Polished	per dozen, **10 50**
No **057**	Old's Long Handle Round Point Shovels, Furrow, Polished	per dozen, **10 50**

JONES', BURNS', GRAY'S AND OLD'S

PATENT PLAIN BACK, SOLID CAST STEEL.

No. **27**	Jones' Long Handle Square Point Shovels, No. 2, Polished	per dozen, **$16 50**
No. **41**	Burns' Long Handle Square Point Shovels, No. 2, Polished	per dozen, **15 00**
No. **51**	Gray's Long Handle Square Point Shovels, No. 2, Polished	per dozen, **13 00**
No. **058**	Old's Long Handle Square Point Shovels, No. 2, Polished	per dozen, **10 50**

RIVETED BACK STRAP SHOVELS



No. **60**	Ely's Long Handle Square Point Shovels, C. S., Polished	per dozen, **$11 00**
No. **61**	Ely's Long Handle Round Point Shovels, C. S., Polished	per dozen, **11 00**
No. **69**	Penn's Long Handle Round Point Shovels, Polished	per dozen, **8 50**
No. **70**	Penn's Long Handle Square Point Shovels, Polished	per dozen, **8 50**

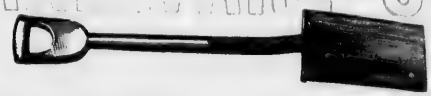
The above stamp "Ely" are perfect, well finished goods of cast steel

JONES', BURNS', GRAY'S AND OLD'S

PATENT PLAIN BACK SPADES

No. **28**	Jones' D Handle Solid Cast Steel Spades, No. 2, Polished	per dozen, **$17 00**
No. **29**	Jones' D Handle Solid Cast Steel Spades, No. 3, Polished	per dozen, **18 00**
No. **42**	Burns' D Handle Solid Cast Steel Spades, No. 2, Polished	per dozen, **15 50**
No. **43**	Burns' D Handle Solid Cast Steel Spades, No. 3, Polished	per dozen, **16 50**
No. **52**	Gray's D Handle Solid Cast Steel Spades, No. 2, Polished	per dozen, **13 25**
No. **53**	Gray's D Handle Solid Cast Steel Spades, No. 3, Polished	per dozen, **14 25**
No. **58**	Old's D Handle Solid Cast Steel Spades, No. 2, Polished	per dozen, **11 00**

RIVETED BACK STRAP SPADES



No. **63**	Ely's D Handle Spade, C. S. S., No 2, Polished,	per dozen, **$11 50**
No. **71**	Penn's D Handle Spade, No. 2, Polished	per dozen, **9 00**

The above stamp "Ely" are perfect, well finished goods of cast steel

PATENT PLAIN BACK LONG HANDLE SPADES

No. **30**	Jones' Long Handle Solid Cast Steel Spades, No 2, Polished	per dozen, **$16 50**
No. **44**	Burn's Long Handle Solid Cast Steel Spades, No. 2, Polished	per dozen. **15 50**
No. **54**	Gray s Long Handle Solid Cast Steel Spades, No. 2, Polished	per dozen, **13 25**
No. **58**	Old's Long Handle Solid Cast Steel Spades, No. 2, Polished	per dozen, **11 00**

RIVETED BACK STRAP L. H. SPADES.

No. **64**	Ely's Long Handle Cast Steel Spades, No. 2, Polished	per dozen, **$11 50**
No. **72**	Penn's Long Handle Spades, No. 2, Polished	per dozen, **9 00**

DITCHING AND DRAINING TOOLS

PATENT PLAIN BACK ROUND POINT DRAIN SPADES.

TAPERS FROM 5½ INCHES AT SHOULDER TO 4¼ INCHES AT POINT.

No. **98**	Jones' D Handle Draining Spades, 17 x 5½ x 4¼ inches, Heavy, No. 2, Polished,	per dozen, **$19 50**
No. **980**	Mass Shovel Co.'s D Handle Draining Spades, 16 x 5½ x 4¼ inches, Heavy, Polished,	per dozen, **19 50**
No. **981**	Mass Shovel Co.'s D Handle Draining Spades, 18 x 5½ x 4¼ inches, Heavy, Polished,	per dozen, **19 50**

PATENT PLAIN BACK DRAIN SPADES.

No. 100—Polished Drain Spade, No. 4, with Foot Tread.

TAPERS FROM 4½ INCHES AT SHOULDER TO 3 INCHES AT POINT.

No. **99**	Jones' D Handle Draining Spades, 17 x 4½ x 3 inches, Heavy, No. 3, Polished,	per dozen, **$19 50**
No. **100**	Jones' D Handle Draining Spades, 18 x 4½ x 3 inches, Heavy, No. 4, Polished,	per dozen, **19 50**
No. **099**	Mass Shovel Co.'s D Handle Draining Spades, 16 x 4½ x 3 inches, Heavy, Polished,	per dozen, **19 50**
No. **0100**	Mass Shovel Co.'s D Handle Draining Spades, 18 x 4½ x 3 inches, Heavy, Polished,	per dozen, **19 50**

PATENT PLAIN BACK DITCHING SPADES.

TAPERS FROM 7½ INCHES AT SHOULDER TO 5½ INCHES AT POINT.

No. **101**	Jones' D Handle, Ditching Spades, 15½ x 7½ x 5½ inches, Flat, Polished	per dozen, **$19 50**

PATENT PLAIN BACK POST-HOLE SPADES

TAPERS FROM 6 INCHES AT POINT TO 5½ INCHES AT SHOULDER.

No. **102**	Jones' D Handle Post-hole Spades, 15 x 5½ x 6 inches, Concave, Polished	per dozen, **$19 50**
No. **202**	Mass Shovel Co.'s D Handle Post-hole Spades, 16 x 5½ x 6 inches, Concave, Polished,	per dozen, **19 50**
No. **302**	Mass Shovel Co.'s D Handle Post-hole Spades, 18 x 5½ x 6 inches, Concave, Polished,	per dozen, **19 50**

PARKES' ENGLISH DRAIN SPADES.

TAPERS FROM 5½ INCHES AT SHOULDER TO 3¼ INCHES AT POINT.

No. **503**	Parkes' D Handle Drain Spades, 17 x 5½ x 3¼ inches, Concave, Half Polished,	per dozen, **$**
No. **508**	Parkes' D Handle Drain Spades, 19 x 5½ x 3¼ inches, Concave, Half Polished,	per dozen,

Foot Tread for Draining Spades, add to List, per dozen, $3.00

DRAINING TOOLS

IWAN BROS'. "CHAMPION" ADJUSTABLE CLEANER.

No. ½	"Champion" Drain Cleaners, 3 inch Polished	per dozen, $
No. 1	"Champion" Drain Cleaners, 4 inch Polished	per dozen,
No. 2	"Champion" Drain Cleaners, 5 inch Polished	per dozen,

No. 91—SQUARE SOCKET CLEANER, TO PUSH.

No. **91** Jones' Cast Steel Square Drain Cleaner, to push, Black . . . . . per dozen, **$15 00**

No. 92—SQUARE SOCKET CLEANER, TO PULL.

No. **92** Jones' Cast Steel Square Drain Cleaner, to Pull, Black . . . per dozen, **$15 00**

No. 89—CONCAVE SOCKET CLEANER, TO PUSH.

No. **89** Jones' Cast Steel Concave Drain Cleaner, to Push, Black . . . . per dozen, **$15 00**

No. 90—CONCAVE SOCKET CLEANER, TO PULL.

No. **90**	Jones' Cast Steel Concave Drain Cleaner, to Pull, Black	per dozen, **$15 00**
No. **94**	Jones' Drain Tile Layers	per dozen, **$12 00**

SCOOP SHOVELS

JONES'

CAST STEEL, D HANDLE.

No. **74**	Jones' Cast Steel, D Handle, No. 2, Polished	per dozen,	**$14 50**
No. **75**	Jones' Cast Steel, D Handle, No. 4, Polished	per dozen,	**15 50**
No. **76**	Jones' Cast Steel, D Handle, No. 6, Polished	per dozen,	**17 50**
No. **77**	Jones' Cast Steel, D Handle, No. 8, Half Polished	per dozen,	**20 00**
No. **78**	Jones' Cast Steel, D Handle, No. 10, Half Polished	per dozen,	**22 50**

WARD'S

BEST STEEL, D HANDLE.

No. **83**	Ward's Best Steel, D Handle, No. 2, Polished	per dozen,	**$13 00**
No. **84**	Ward's Best Steel, D Handle, No. 4, Polished	per dozen,	**14 00**
No. **85**	Ward's Best Steel, D Handle, No. 6, Polished	per dozen,	**15 50**

LEED'S

STEEL, D HANDLE.

Half Polished.

No. **86**	Leeds' Steel, D Handle, No. 2, Half Polished	per dozen,	**$10 50**
No. **87**	Leeds' Steel, D Handle, No. 4, Half Polished	per dozen,	**11 50**

THE KILBOURNE & JACOBS

"COLUMBUS" SOLID STEEL SCRAPERS

WITHOUT RUNNERS.

THE "COLUMBUS" SOLID STEEL SCRAPER

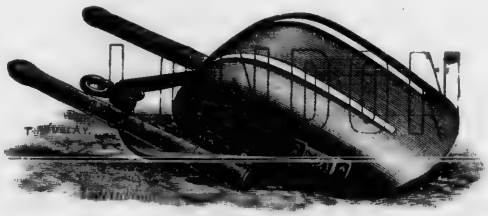
IMPROVED.

The perfect Scraper, made of a single sheet of steel, pressed into the best and most practicable shape for working. It is made with one continuous curve from the centre up the sides and back, giving it greater strength and capacity than can be obtained in any other way. It is without joint or seam, and there is not a sharp corner, bolt, brace or stay-rod about the Scraper. It will work in any kind of soil, whether plowed or not, and enters the ground as readily as a plow. We guarantee it to fill easier and clean better than any other Scraper, and it will scour where no other scraper will. Is not injured by exposure to the weather, and there is nothing about it to get out of order.

The Handles will commend themselves to everyone, as they can, if broken, be easily replaced anywhere. Bails of steel, and of improved pattern, with strong and perfect-working swivels. The best bails ever put on Scrapers. The entire bowl of the Scraper is made of one sheet of heavy steel, and is the ONLY one so made. It is the lightest, strongest and most durable, and will displaee all others wherever it is known. Improved in that we now make the Scraper longer and deeper, so that, while it carries more earth, at the same time it runs much easier and has more wearing surface.

We ship always without Runners unless otherwise directed.

No. **1**	Carries 7 feet of earth, used for long haul or on down grade	each, $
No. **2**	Carries 5 feet of earth, for all ordinary grading, farm, or road work	each,
No. **3**	Carries 3 feet of earth, intended for work on narrow ditch with one horse	each,



WITH RUNNERS.

THE K. & J.

PRESSED BOWL WHEEL SCRAPERS

CARRYING.

THE BEST, STRONGEST AND EASIEST WORKING WHEEL SCRAPER

EVER PUT ON THE MARKET.

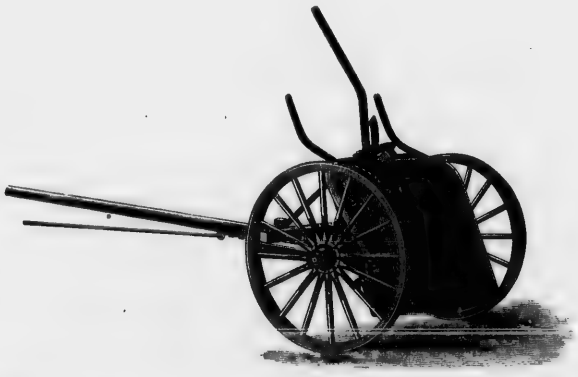
The Bowl is stamped from one solid plate of 3/16 inch steel, without joint, seam or rivet; and, owing to the fact that they are pressed hot, we are able to use much harder and stiffer steel than is possible in the old style Square Box Scrapers, which are cut and bent up cold.

The bottoms of all Pressed Bowl Wheel Scrapers are oil tempered. The largest size of this Scraper, capacity 17 cubic feet, can be easily operated by one man, and is also much easier upon the team in filling owing to the rounded shape of the Bowl. They cannot dump while filling. No strain on horses' neck.

They have "Sarven Patent" Wheels, and are constructed throughout of the best selected material, and will outwear any other Wheelers manufactured.

We furnish these Wheelers, when so desired, with simple Automatic Front End Gate, warranted not to get out of order, that will carry the entire load over the roughest roads or down hill without loss. Quickly attached or detached.

No. **2**	Capacity 13 cubic feet - - - - - - - - - -	each, $
No. **3**	Capacity 17 cubic feet - - - - - - - - - -	each,



DUMPED.

"MAMMOTH" HARD-PAN RAILROAD PLOW

FOR USE WITH HORSE OR STEAM POWER FOR

HEAVY WORK, HARD-PAN AND ROCK.

Beam very long, heavy in proportion, and ironed on top and sides. Draft-rod 2 x ⅜ inches. Handles of oak, ironed on top and bottom, with bars 1¼ x ½ inch, also plated with iron on sides. Handhold solid iron and well placed. Standard, Mould, Landside and Point of cast steel. Plow cuts 4 9 inch furrow, 6 to 12 inches deep, and will plow anything.

One Size only, Left Hand, weight 325 pounds . . . . . each, $

ROAD OR GRADING PLOWS

This plow is of great strength and remarkable lightness of draft. The standard is of wrought iron, V shaped; is secured to the beam by two strong bolts, and will not twist or break; the strongest Standard known. The Share, Landside and Mould Board are of the very best steel. The plow is made to cut a deep rather than a wide furrow, and can be regulated to any depth required. It does not turn the soil over, but loosens it, leaving the trash on top, so that it will not interfere with the Scraper when filling. It has a guage wheel, steel coulter, heavily ironed beam and extra long handles, which give the holder perfect control. Owing to the peculiar shape of the Mould Board—our own patent—these plows can be drawn easily by two horses, but are strong enough for six, and they will scour where no other plows will.

No. **3** Left Hand, weight 200 pounds . . . . . each, $
No. **13** Right Hand, weight 200 pounds . . . . . each,

HOBBS HARDWARE CO. LONDON

TOWNSHIP OR BREAKING PLOW

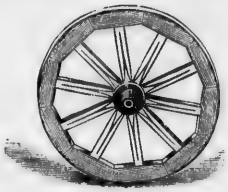
The above cut represents our new Township Plow, which is made with special reference to township road work.

It has our Wrought Iron V Shaped Standard, which is the best made, and cannot be broken. The Mould Board, Share and Landside are made from the very best steel, thoroughly hardened, and will scour in any soil. The Standard is secured to beam with two strong bolts, and cannot be twisted or broken off. There is a heavy iron strap the entire length of beam. This Plow has great strength, but is lighter than our well known Grading Plows, Nos. 3 and 13, and weighs about 100 pounds. It will run perfectly steady in all kinds of ground, and is very light draft for two horses. It cuts a furrow eleven inches wide, and from six to twelve inches deep, as desired. All Plows furnished with Cutter, as shown in cut.

No. **5** Left Hand, cuts 11 inches wide, 12 inches deep, weight 100 pounds - - each, $
No. **15** Right Hand, cuts 11 inches wide, 12 inches deep, weight 100 pounds - - - each,

Jacobs' Patent Wheels.

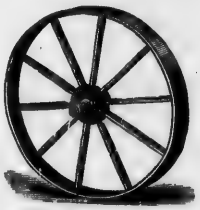
THE
STRONGEST
AND
LIGHTEST RUNNING
WHEEL
KNOWN.



IN ANY CLIMATE
IT
WILL NOT SHRINK.
THE
TIRE
CANNOT COME OFF.

It has ten spokes of thoroughly seasoned wood, and each spoke is supplied with a separate felloe. The hub is of chill cast iron, and rivited firmly to the spokes, which are so cut as to counterbrace each other. The spokes are keyed from the centre after the tire is shrunk on. This wheel will not shrink or give in any weather or climate, and the tire cannot become loosened. An oil hole is drilled into the hollow washer of the hub, and the oil distributes itself along the bearings while the wheel is in motion. The wheel revolves on a fixed shalt or axle, which passes through the end of the handle, and is a brace to the barrow. This wheel cannot be broken or weakened by ordinary usage, and will last for a life time. It is well painted. We guarantee it superior to any other wood wheel.

Jacobs' Patent Steel Spoke Wheels.



Wheel Complete.

WROUGHT IRON TIRE. STEEL SPOKES.

These wheels are so constructed—having spokes tightened from centre—that the tire cannot come off or the spokes become loosened. Hubs hardened on inside. Oil hole in hub. Diameter of wheel 17 inches. Wrought Iron tire 1½ inch wide. Steel spokes. The best Barrow Wheel manufactured.

RAILROAD OR CANAL BARROW

WITH JACOBS' PATENT WOOD WHEEL.

Full sized, bent tray, planed, and well finished, bolted securely to frame. The legs extend upward, serving as a brace to the bowl, to which they are bolted; they are also bolted to handles. This Barrow has all the merits of other bolted barrows, and, in addition, has the Jacobs' Patent Wheel, superior in every way to any wood wheel manufactured. The wheel revolves on a fixed axle bolt, similar to a buggy wheel, and runs true and evenly. The axle bolt holds the Barrow firmly together. The Barrow for railroad contractors. Will outwear any other made, and displaces all others wherever introduced. Knocks down completely for shipping, and is easily set up.

Price . . . . . per dozen, $

Railroad or Canal Barrow.

WITH JACOBS' PATENT STEEL SPOKE WHEEL.

Same as above, but with Jacobs' Patent Iron and Steel Wheel.

Diameter of wheel, 17 inches; wrought iron tire, 1½ inches wide; steel spokes, ⅝ x ¼.

Price . . . . per dozen, $

The best Railroad Barrow manufactured.

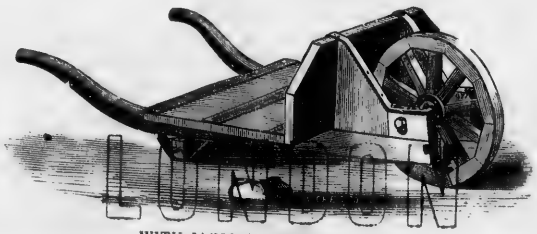
Straight Handle Stone Barrow.

WITH JACOBS' PATENT WHEEL.

For Stone or Pig Metal. This is a strong, well made Barrow, iron strapped over the bottom, and well bolted together. It has the Jacobs' Patent Wheel, with 1 and ¾ inch tire, and hub in proportion. Strong and cheap. Painted. Furnished with Steel Spoke Wheel when specially ordered.

Price . . . . per dozen, $

Bent Handle Stone Barrow.



WITH JACOBS' PATENT WHEEL.

Well ironed, thoroughly bolted, bent handles, Jacobs' Patent Wheel, with 1¾ inch tire, and extra strong hub. We guarantee it to give satisfaction. Painted. Furnished with Steel Spoke Wheel when specially ordered.

Price . . . . . per dozen, $

HARDWARE CO.
LONDON

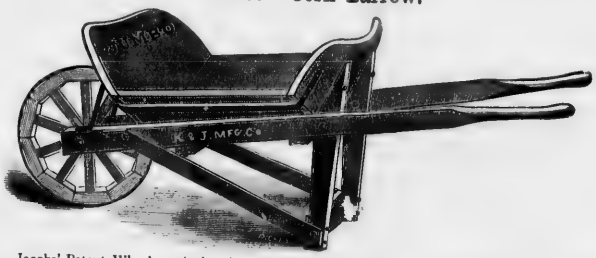
STEEL BOTTOM STONE BARROW.

WITH JACOBS' PATENT STEEL SPOKE WHEEL.

For Stone or Pig Metal. Bottom and dash formed of one plate of steel, ¼ inch thick. Steel Spoke Wheel. Diameter of wheel, 17 inches; tire, 1¾ x ⅜ inches; steel spokes, ⅞ x ¼ inch. The strongest and best Stone Barrow manufactured.

Price . . . . . per dozen, $

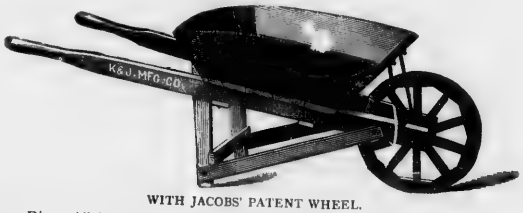
"Jumbo" Corn Barrow.



Capacity, 9 cubic feet. Jacobs' Patent Wheel, 17 inches in diameter; wrought iron tire, 1½ inches wide. For Corn, Coal, Manure, Sawdust and Ashes. Furnished with Steel Spoke Wheel when specially ordered.

Price . . . . . per dozen, $

Ore or Mortar Barrow.



WITH JACOBS' PATENT WHEEL.

For Ore, Coal, Mortar, Sand, or Dirt All hard wood. The sides and end pieces of bowl, being dovetailed together and firmly nailed, cannot come apart. The legs extend upward as a brace to the bowl, and are bolted to bowl and to handles. The best General Purpose Barrow made. Painted. Furnished with Steel Spoke Wheel when specially ordered.

Wharf or Oyster Barrow.

WITH JACOBS' PATENT WHEEL.

Similar to our well-known Ore Barrow, with bowl of much greater capacity. All hard wood. Sides and end pieces of bowl dovetailed together and nailed. Length of bowl—top, 36 inches; bottom, 20 inches. Width—top, 34 inches; bottom, 18 inches. Depth, 14 inches. General purpose Wharf Barrow; also suited for carrying ashes, shavings, etc., and strong enough for coal or stone. Painted. Furnished with Steel Spoke Wheel when specially ordered.

GARDEN OR FARM BARROW.

WITH JACOBS' PATENT WHEEL.

SET UP FOR USE.

FOLDED FOR SHIPPING.

These Barrows are made of thoroughly seasoned wood, with double frames, firmly bolted together, iron braced, and so constructed that, by simply removing one bolt (the axle) and two nuts, they can be folded flat down (see cut) and shipped at lowest rate of freight. But a moment's time is required to set up for use.

No. 3 Medium Size, capacity 3½ cubic feet, painted, striped and varnished, highly finished . . per dozen, $
No. 4 Large Size, capacity 5 cubic feet, finished same as No. 3 . . . per dozen,
No. 2 Small Size, capacity 3 cubic feet, painted, varnished, plainly finished . . per dozen,
No. 3c Same as No. 3, capacity 3½ cubic feet, painted, varnished, plainly finished . . per dozen,
No. 4c Same as No. 4, capacity 5 cubic feet, painted, varnished, plainly finished . . per dozen,

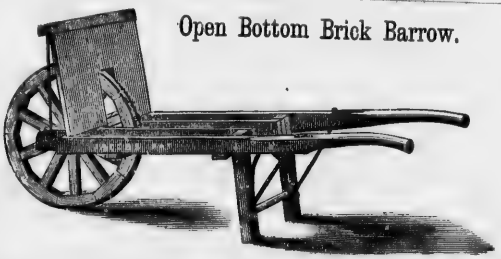
Diameter of No. 2 Wheel, 17 inches; width of tire, 1½ inch.
Diameter of Nos. 3 and 3c Wheel, 19 inches; width of tire, 1⅜ inch.
Diameter of Nos. 4 and 4c Wheel, 21 inches; width of tire, 1¾ inch.

Stave or Bark Barrow.

For Staves, Bark, Bales, Boxes, etc. Strongly made of hardwood. Body and dash strapped with heavy iron. Well finished, painted and varnished. A serviceable barrow for use at boat landings and depots.

Folds for shipping same as Garden Barrow. Diameter of wheel, 21 inches; width of tire, 1¾ inches. Furnished with Steel Spoke Wheel when specially ordered. With Jacobs' Patent Wheel.

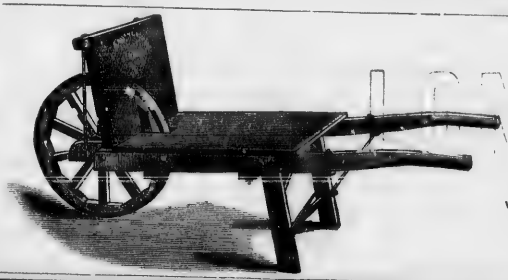
Open Bottom Brick Barrow.



This Barrow is designed for use at brick yards, and especially for handling green brick. Made with closed or open bottom as desired.

Diameter of wheel, 21 inches; width of tire, 1¾ inches. Folds for shipping same as Garden Barrow. Furnished with Steel Spoke Wheel when specially ordered. Set up for use as shown in cut. With Jacobs' Patent Wheel.

Tight Bottom Brick Barrow.



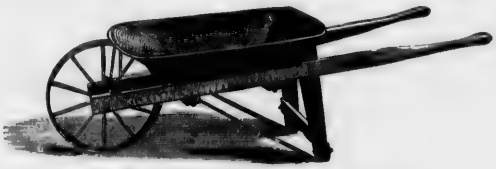
WITH JACOBS' PATENT WHEEL.

Same as above, except having closed bottom. Diameter of wheel, 21 inches; width of tire, 1¾ inches.

Folds for shipping same as Garden Barrow.

Furnished with Steel Spoke Wheel when specially ordered.

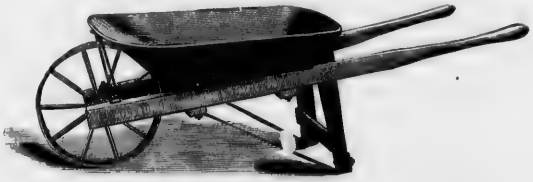
"COLUMBUS" STEEL TRAY WHEELBARROWS



No 1 Tray of No. 14 Steel; capacity, 3½ cubic feet; wheel, 17 inches in diameter; wrought iron tire, 1½ inches wide, Steel spokes . . . . . per dozen, $

For Earth, Sand, Ore and Foundry use.

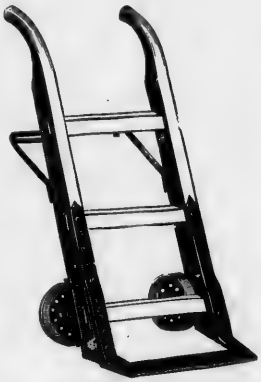
GENERAL PURPOSE WHARFBARROW



No. 2 Tray of No. 13 Steel; capacity, of 5 cubic feet; wheel, 17 inches in diameter; wrought iron tire, 1½ inches wide; steel spokes . . . . . per dozen, $

For Coal, Manure, Cinders, Ashes, etc.

THE K. & J. TRUCKS



HALF IRONED WAREHOUSE.

FULL IRONED WAREHOUSE.

BARREL

WAREHOUSE AND STORE TRUCKS.

No.	Length of Handle.	Width.	Diameter of Wheel.		Price.	Rubber Banded Wheels.
0	3 feet 6 inches	18 inches	6 inches	Half Ironed	$6 00	.....
1	3 " 11 "	19 "	6 "	Half "	7 00	$10 00
1	3 " 11 "	19 "	6 "	Full "	8 00	11 00
2	4 " 2 "	20 "	7½ "	Half "	9 00	14 00
2	4 " 2 "	20 "	7½ "	Full "	10 00	15 00
3	4 " 6 "	22 "	10 "	Half "	13 00	.....
3	4 " 6 "	22 "	10 "	Full "	15 00	.....

BARREL TRUCKS.

For Barrels, Kegs, etc. Cross-bars all Curved Iron.

No.	Length of Handle.	Width.	Diameter of Wheel.		Price.
1	3 feet 11 inches	19 inches	6 inches	Full Ironed	$9 00
2	4 " 2 "	20 "	7½ "	" "	11 00
3	4 " 6 "	22 "	10 "	" "	16 00
....	.....	.....	.....	.....	....
....	.....	.....	.....	.....	....
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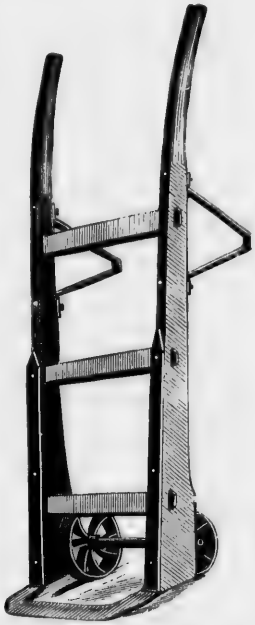
"SMART'S"

WAREHOUSE TRUCKS



Made of Best Seasoned Oak. Strongly Ironed Steam-bent Handles.

HOBBS

WOOD VARNISHED. IRON WORK JAPANNED.

HALF IRONED.

(As per Cut.)

	Length.	Width.	Diameter of Wheel.	Each.
No. **1**	4 feet 6 inches	19 inches	7 inches	**$6 00**
No. **2**	4 feet 10 inches	20 inches	8½ inches	**7 00**
No. **3**	4 feet 10 inches	22 inches	9½ inches	**9 00**

FULL IRONED.

	Length.	Width.	Diameter of Wheel.	Each.
No. **1**	4 feet 6 inches	19 inches	7½ inches	**$8 00**
No. **2**	4 feet 10 inches	20 inches	8½ inches	**9 00**
No. **3**	4 feet 10 inches	22 inches	9½ inches	**12 00**
No. **4**	5 feet 7 inches	22½ inches	11 inches	**14 00**

HARDWARE

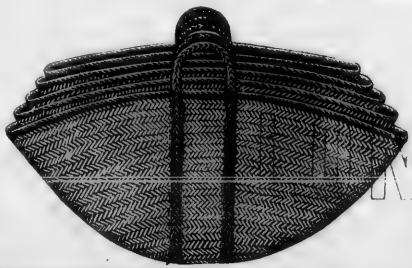
THE "HANDY" TRUCK.

THE "HANDY" TRUCK

LENGTH OF HANDLES, 3 FEET 10 INCHES; WIDTH, 10 INCHES.

DIAMETER OF WHEELS, 6 INCHES.

Price - - - - - - - - each, $



TOOL BASKETS

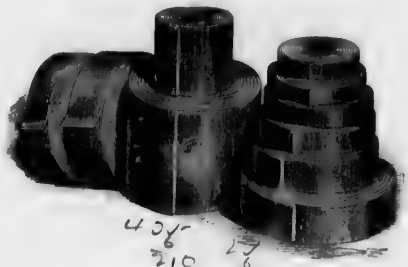
UNLINED.

No. **1**	Small	per dozen, $
No. **2**	Medium	per dozen,
No. **3**	Large	per dozen,
No. **4**	Extra Large	per dozen,

CANVAS LINED.

No. **01**	Small	per dozen, $
No. **02**	Medium	per dozen,
No. **03**	Large	per dozen,
No. **04**	Extra Large	per dozen,

LEATHER BELTING



Width, Inches,	1	1¼	1½	1¾	2	2½	2½	3	3½	4	4½	5	5½	6	7
Per Running Foot,	$0 08	10	12	14	16	18	20	25	30	35	40	45	50	55	65

Width, Inches,	8	9	10	11	12	13	14	15	16	17	18	20	22	24	27	30	36	40
Per Running Foot,	$0 75	85	95	1 08	1 20	1 32	1 44	1 56	1 70	1 82	1 95	2 20	2 45	2 75	3 13	3 50	4 25	5 00

Pure Oak Tanned, Discount . per cent. Extra Quality, Discount . per cent

No 1, or Agricultural, Discount . per cent.

DOUBLE BELTS, DOUBLE PRICE.

ROUND SOLID LEATHER BELTS.

Diameter Inches,	⅛	3/16	¼	⅜	½	⅝	¾	1
Per Running Foot,	$0 03	.05	.07	10	16	20	25	30

PAGE'S

PATENT LACE LEATHER

"PATNA BRAND,"

Hides, assorted, 2½ to 4 lbs. (light) . per pound, $
Hides, assorted, 5 to 7 lbs. (heavy) . . per pound,

Trimmed as per Cut.

THE "HERCULES."

Hides, assorted weights . . . per pound, $

Trimmed as per Cut.

PAGE'S "CONCORD" RAWHIDE.

Hides, assorted weights . . . per pound, $

Trimmed as per Cut.

RUBBER BELTING

TWO-PLY.

Width, Inches,	1	1¼	1½	2	2½	3	3½	4	4½	5	6	7	8	9	10	11	12
Per Running Foot,	$0 07	09	11	15	18	22	26	30	33	36	43	51	59	67	75	83	91

THREE-PLY.

Width, Inches,	2	2½	3	3½	4	4½	5	6	7	8	9	10
Per Running Foot,	$0 17	22	26	30	34	39	43	52	60	70	80	90
Width, Inches,	11	12	13	14	15	16	18	20	22	24	26	28
Per Running Foot,	$1 00	1 08	1 18	1 28	1 38	1 50	1 70	1 90	2 12	2 36	2 60	2 84

FOUR-PLY.

Width, Inches,	2	2½	3	3½	4	4½	5	6	7	8
Per Running Foot,	$0 21	26	31	37	42	47	52	62	73	84
Width, Inches,	9	10	11	12	13	14	15	16	18	20
Per Running Foot,	$0 95	1 07	1 18	1 30	1 42	1 54	1 66	1 78	2 02	2 26
Width, Inches,	22	24	26	28	30	32	34	36	38	40
Per Running Foot,	$2 52	2 80	3 08	3 36	3 64	3 92	4 20	4 48	4 76	5 04
Width, Inches,	42	44	46	48	50	52	54	56	58	60
Per Running Foot,	$5 32	5 60	5 88	6 16	6 44	6 72	7 00	7 28	7 56	84

FIVE-PLY.

Width, Inches,	2	2½	3	3½	4	4½	5	6	7	8
Per Running Foot	$0 26	33	39	46	53	59	65	78	91	1 05
Width, Inches,	9	10	11	12	13	14	15	16	18	20
Per Running Foot,	$1 18	1 33	1 47	1 62	1 77	1 92	2 07	2 22	2 52	2 82
Width, Inches,	22	24	26	28	30	32	34	36	38	40
Per Running Foot,	$3 15	3 50	3 85	4 20	4 55	4 90	5 25	5 60	5 95	6 30
Width, Inches,	42	44	46	48	50	52	54	56	58	60
Per Running Foot,	$6 65	7 00	7 35	7 70	8 05	8 40	8 75	9 10	9 45	9 80

SIX-PLY.

Width, Inches,	2	2½	3	3½	4	4½	5	6	7	8
Per Running Foot,	$0 31	39	47	56	63	71	78	93	1 10	1 26
Width, Inches,	9	10	1	12	13	14	15	16	18	20
Per Running Foot,	$1 42	1 60	1 77	1 95	2 13	2 31	2 49	2 67	3 03	3 39
Width, Inches,	22	24	26	28	30	32	34	36	38	40
Per Running Foot,	$3 78	4 20	4 62	5 04	5 46	5 88	6 30	6 72	7 14	7 56
Width, Inches,	42	44	46	48	50	52	54	56	58	60
Per Running Foot,	$7 98	8 40	8 82	9 24	9 66	10 08	10 50	10 92	11 34	11 76

Endless Belts are made to order. Three extra feet will be charged for the splice, and ten per cent. additional on the net price of the whole.

DIRECTIONS FOR LACING RUBBER BELTING.

The Belt to be adjusted to the pulley (depending on the thickness of the Belt), should be cut shorter than the distance around the pulleys by ⅛ to ¼ of an inch for every foot, when measured with a tape or string drawn tight. For narrow Belts, make two rows of holes in each end, (thus obtaining a double hold.) Butt the two ends together, and lace with lacing leather. For wide Belts, in addition, put a piece of leather or rubber belting on the back to strengthen the joint, equal in length to about 1½ times the width of the Belt, and sew or rivet it to the Belt.

RUBBER HOSE.

CONDUCTING, HYDRANT AND ENGINE.

TWO-PLY CONDUCTING HOSE, IN FIFTY-FEET LENGTHS.

Inside Diameter, inches,	½	¾	1	1¼	1½	1¾	2	2¼	2½	2¾	3	4	5	6
Per Foot,	$0 20	25	33	42	50	58	66	75	83	92	99	1 32	1 65	1 98

THREE-PLY HYDRANT HOSE, IN FIFTY-FEET LENGTHS.

Inside Diameter, inches,	½	¾	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4
Per foot,	$0 25	30	40	50	60	70	80	90	1 00	1 10	1 20	1 40	1 60

FOUR-PLY ENGINE HOSE, IN FIFTY-FEET LENGTHS.

Inside Diameter, inches,	½	¾	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4
Per foot,	$0 30	37	50	62	75	87	1 00	1 12	1 25	1 37	1 50	1 75	2 00

All intermediate sizes to be charged at the list price of the next larger size, thus ⅞ inch will be charged at the one inch price, etc.
☞ For Steam Fire Engine Hose write for special circular.

BREWERS' HOSE

Inside Diameter, inches,	½	¾	1	1¼	1½	1¾	2	2¼	2½	2¾	3
Three-Ply, per foot,	$0 43	51	67	85	1 02	1 18	1 34	1 50	1 66	1 83	2 06
Four-Ply, per foot,	51	67	83	1 04	1 25	1 45	1 66	1 87	2 08	2 44	2 80

PURE RUBBER TUBING

PLAIN.

Manufactured in lengths of 12 feet.

Inside Diameter, inches,	⅛	3/16	¼	5/16	⅜	½	⅝	¾	1
Per foot,	$0 08	12	16	18	20	25	30	35	45

PURE RUBBER TUBING, WITH CLOTH INSERTION.

Inside Diameter, inches,	⅛	3/16	¼	5/16	⅜	½	⅝	¾	1
Per foot,	$0 10	14	18	20	23	28	33	38	50

STEAM AND PETROLEUM OIL HOSE

THREE-PLY

FOR 30 LBS. OF STEAM, OR LESS.

Inside Diameter, inches,	½	¾	1	1¼	1½	1¾	2	2½
Per foot,	$0 43	51	67	85	1 02	1 18	1 34	1 66

FOUR-PLY

FOR 35 LBS. OF STEAM, OR LESS.

Inside Diameter, inches,	½	¾	1	1¼	1½	1¾	2	2½
Per foot,	$0 51	67	83	1 04	1 25	1 45	1 66	2 08

FIVE-PLY

FOR 50 LBS. OF STEAM, OR LESS.

Inside Diameter, inches,	½	¾	1	1¼	1½	1¾	2	2½
Per foot,	$0 64	83	1 04	1 30	1 56	1 81	2 07	2 60

SIX-PLY

FOR 75 LBS. OF STEAM, OR LESS

Inside Diameter, inches,	½	¾	1	1¼	1½	1¾	2	2½
Per foot,	$0 76	1 00	1 25	1 56	1 87	2 17	2 49	3 12

SUCTION HOSE

ON GALVANIZED IRON WIRE.

Inside Diameter, inches,	¾	1	1¼	1½	1¾	2	2½	3	3½	4	4½
Per foot,	$0 70	88	1 12	1 47	1 89	2 31	3 10	4 00	4 90	5 80	6 70
Inside Diameter, inches,	5	5½	6	6½	7	7½	8	9	10	12	
Per foot,	$7 60	8 50	9 50	10 50	12 00	13 50	15 00	17 50	20 00	25 00	

SMOOTH BORE SUCTION HOSE

Inside Diameter, inches,	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	9	10	
Per foot,	$2 60	3 50	4 50	5 50	6 50	7 50	8 50	9 50	10 50	12 00	13 50	15 00	16 50	19 50	22 50	

HARD RUBBER SUCTION HOSE—FOUR-PLY.

Inside Diameter, inches,	1	1¼	1½	1¾	2	2¼	2½
Per foot,	$0 75	93	1 13	1 31	1 50	1 70	1 88

PATENT LINEN HOSE—RUBBER LINED

IN LENGTHS OF 50 FEET, COUPLINGS ATTACHED.

Inside Diameter, inches,	2	2¼	2½
Per foot,	$0 65	70	75

STEAM PACKING

RUBBER,

Thickness, inches, 1-64, 1-32, 1-16, 3-32, 1-8, 3-16, 1-4 . . . .
Stocked in 1-ply, 2-ply, 3-ply, 4-ply . . . . per pound, **55c.**

Cloth on outside will be sent unless otherwise ordered.

ASBESTOS PACKING.

In sheets 42 x 44 inches.

Thickness, inches, 1-16, 3-32, 1-8, 3-16 and 1-4 . . . . . . per pound, **80c.**

FIBROUS GASKETS OR RINGS.

1-8 inch, or thinner . . . . per pound, **90c.**
5-32 inch, or thicker . . . . per pound, **80c.**

CLOTH INSERTION GASKETS AND RINGS.

1-16 inch, or thinner . . . . per pound, **$1 25**
3-32 inch, or thicker . . . . per pound, **1 00**

PURE VULCANIZED SHEET RUBBER.

Of all thicknesses, for Valves, Gaskets, Washers, Rings, etc. . . . . per pound, **$1 40** to **$1 50**

EXTRA PURE VULCANIZED RUBBER VALVES.

For Hot and Cold Water Pumps, Vacuum Pumps, Foot and Delivery Valves, etc. . per pound, **$1 40** to **$1 75**

SQUARE PISTON AND VALVE ROD PACKING.

All sizes from 1/4 to 2 inches square, in lengths of 12 feet . . . . . . per pound, **$1 35**

PACKING.

Soapstone, Silver Lake, inches, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2 . . . . per pound, **$**
American Hemp, common . . . . per pound,
American Hemp, extra . . . . per pound,
Russian Hemp . . . . per pound,
Italian Hemp . . . . per pound,
American Jute . . . . per pound,

RAG PAPER

GROCERY AND HARDWARE GRADE

Size of Sheet, inches,	15 x 20	18 x 25	20 x 28	22 x 32	23 x 32	24 x 36	30 x 40	30 x 42	36 x 48
Weight of Bundle, lbs,	15	30	40	50	60	80	80	100	100
Price Per Pound, $									

ROOFING FELT, AND BUILDING PAPERS

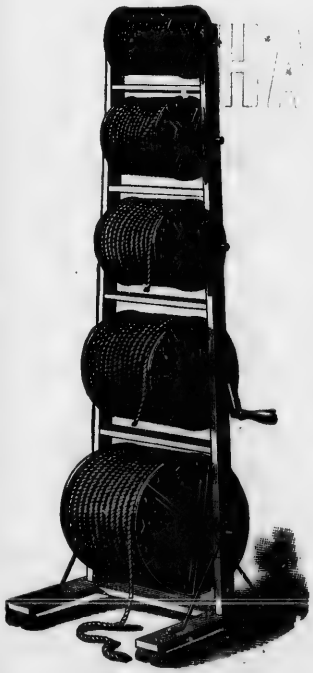
Plain Building Paper or Strawboard	per 100 lbs, $
Tarred Building Paper or Strawboard	per 100 lbs,
Tarred Felt, for Roofing	per 100 lbs,
3-Ply Tarred Roofing Felt, complete with cement and nails	per roll,

CARPET FELT

Brown Carpet Felt, 16 and 20 ounce	per pound, $

ROPE

ROPE REELS.



Price, each, $

Manilla Rope, all sizes	per pound, $
Sisal Rope, all sizes	per pound,
Sisal Halter Rope, hand laid, ⅝	per pound,
Cotton Rope, diameter inches 3-16, ¼, 5-16	per pound,
Russia Sea Line, No. 1	per pound,
Russia Sea Line, No 2	per pound,
Tarred Last Yarn (coils)	per pound,
Tarred Marline (hanks)	per pound,
Oakum, U. S. Navy	per pound,

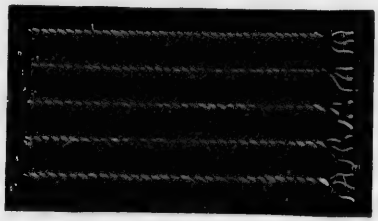
WEIGHT AND STRENGTH OF MANILLA ROPE.

Diameter, inches,	¼	5-16	⅜	7-16	½	9-16
Circumference, inches,	¾	1	1⅛	1¼	1½	1¾
Weight of 6 feet, lbs.,					½	¾
Number of feet in 1 lb.,	43	33	21	17	13	10
Strength of new Rope, lbs.,	450	750	900	1250	1700	2250
Diameter, inches,	⅝	¾	⅞	1	1⅛	1¼
Circumference, inches,	2	2¼	2¾	3	3½	3¾
Weight of 6 feet, lbs.,	⅞	1	1½	1⅞	2½	2⅞
Number of feet in 1 lb.,	7½	6	4	3¼	2⅓	2 1-12
Strength of new Rope, lbs.,	3000	3900	5600	6750	9150	10600
Diameter, inches,	1⅜	1½	1⅝	1¾	2	2⅛
Circumference, inches,	4¼	4½	5	5½	6	6½
Weight of 6 feet, lbs.,	3⅝	4	5	6	7¼	8½
Number of feet in 1 lb.,	1 7-12	1 5-12	1 1-12	1	10 in.	8½ in.
Strength of new Rope, lbs.,	13450	15150	18700	22600	26900	31500
Diameter, inches,	2¼	2½	2⅝	2⅞	3	
Circumference, inches,	7	7½	8	8½	9	
Weight of 6 feet, lbs.,	10	11½	13	14½	16½	
Number of feet in 1 lb.,	7½ in.	6¼ in.	5½ in.	5 in.	4½	
Strength of new Rope, lbs.,	36600	42000	47800	54000	60500	

LINES

COTTON CHALK

6
7
9
11

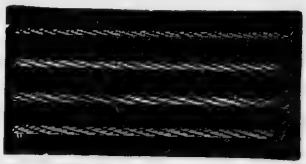


13
15
17
20
23

20 FEET HANKS, 12 HANKS IN A BUNDLE, ALL IN ONE PIECE.

Nos.	6	7	9	11	13	15	17	20	23
Length, feet, each,	20	20	20	20	20	20	20	20	20
Bleached Cotton Twisted Chalk Lines, in hanks, per gross,	$2 40	2 80	3 40	3 80	4 25	4 75	5 25	6 25	7 00

Half a Gross in a Box.



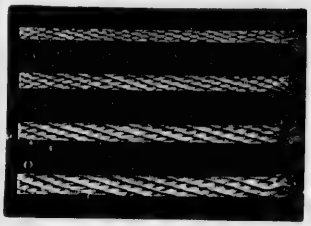
0
1
2
3

Silver Lake Braided Chalk Lines

20 FEET HANKS, 12 HANKS IN A BUNDLE, ALL IN ONE PIECE.

Nos.	0	1	2	3
Per gross,	$6 00	6 50	7 00	7 50

Half Gross in a Box.



3½
4
4½
5

Silver Lake Braided Awning Lines, Etc.

Cotton Line, White and Drab	Nos.	3½	4	4½	5
	Length, each,	48	48	48	100
	Per dozen,	$1 50	2 00	2 50	7 50

One Dozen Hanks in a Bundle.

Garden Lines

Hemp Garden Lines, 3-ply, Length 100 feet each . . . . . per dozen, $

One Dozen in a Bundle.

Sisal Clothes Lines or Bed Cords

Sisal Bed Cords, 60 feet each, 3-ply, 4-ply, 6-ply, 72 feet each, 3-ply, 4-ply, 6-ply, per dozen, $

Jute Bed Cords, 60 feet each, 3-ply . . . . . per dozen, $

Jute Bed Cords, 72 feet each, 3-ply . . . . . per dozen,

Cotton Clothes Lines, 75 feet each, ... per dozen,

One Dozen in a Bundle.

Plow Lines

Russian Hemp, small . . . . . per dozen pairs, $

Russian Hemp, large . . . . . per dozen pairs,

Russian Hemp, 3-ply, with snaps . . . . . per dozen pairs,

Russian Hemp, 6-ply, with snaps . . . . . per dozen pairs,

Cotton, with Sisal Handles . . . . . per dozen pairs,

Cotton, all Cotton . . . . . per dozen pairs,

Sisal Plow Lines . . . . . per dozen pairs,

Sisal Plow Lines, with snaps . . . . . per dozen pairs,

One Dozen in a Bundle.

CORD

SASH, SILVER LAKE BRAIDED COTTON.

Silver Lake Braided Cotton, Nos.	6	7	8	9	10	12
Diameter, inches	3/16	7/32	¼	9/32	5/16	⅜
Weight per dozen Hanks, pounds	18	22	26	30	40	50
Number of feet in one pound	66	55	46	40	30	24
Class **B** per pound.		Class **C** per pound.				

One Dozen Hanks in a Package.

Baltic, Silver Lake, Hard Laid, Drab, in Hanks - per pound, $
Baltic, Silver Lake, Hard Laid, Drab, in Coils of about 25 lbs. - per pound,
Bengal Hard Laid, Drab, in Coils of about 25 lbs. - per pound,
American Hemp, Bleached, in Coils - per pound,
Russian Hemp, No. 1, in Coils - per pound,
Russian Hemp, No 2, in Coils - per pound,

BELL CORD.

Bleached Hemp Bell Cord, Hanks, sizes 6/32, 7/32, 8/32 - per pound, $
Bleached Hemp Bell Cord, Coils, sizes 6/32, 7/32, 8/32 - per pound,

HARDWARE CO.

TWINES

WRAPPING TWINE. BALLS.

Cotton Wrapping Twine, 2-ply, in 5 lb. sacks - per pound, $
Cotton Wrapping Twine, 3-ply, in 5 lb. sacks - per pound,
Cotton Wrapping Twine, 4-ply, in 5 lb. sacks - per pound,
English Mottled Twine, in 3 lb. packages - per pound,
No. 20, Hemp, Hand Laid, Hardware Twine, 3 lb. packages - per pound,

STITCHING AND SPRING TWINES.

A. B. Stitching or Mattress Twine, in 3 lb. packages - per pound, $
No. 12 Stitching Twine, in 3 lb. packages - per pound,
Hemp Spring Twine, Soft, in bales of about 100 lbs. - per pound,
Jute Wool Twine, in bales of about 100 lbs. - per pound,

BAG TWINE.

Cotton Bag Twine, in 3 lb. packages - per pound, $
No. 44, Bleached Hemp Bag Twine, in 3 lb. packages - per pound,
Russian Hemp Bag Twine, 2-ply - per pound,
Russian Hemp Bag Twine, 3-ply - per pound,

LONDON

BINDER TWINE

Pure Manilla Binder Twine, in bales of assorted weights - per pound, $
Mixed Sisal and Manilla Binder Twine, in bales of assorted weights - per pound,

BARBOUR'S SHOE THREAD.

No. **8** Barbour's 2 oz. Balls, packed in 1 lb. boxes - per pound, $
No. **9** Barbour's 2 oz. Balls, packed in 1 lb. boxes - per pound,
No. **15** Barbour's 2 oz. Balls, packed in 1 lb. boxes - per pound,
No. **20** Barbour's 2 oz. Balls, packed in 1 lb. boxes - per pound,

BELMONT INTERCHANGEABLE

DOUBLE BARREL SHOT GUN

GRADE A.

BAR ACTION

Double barrelled, central fire, top lever Gun. Triple bolted action, with roll shoulders and handsome double roll fence. London wire twist barrels, with steel extension rib; both barrels choked; extra quality, fancy pattern hammers out of the line of sight; sunk tumbler pins; solid block strikers; Deeley & Edge's patent fore-end fastener; best quality wrought furniture, beautifully figured oil finished walnut stock; fancy pattern on pistol hand and fore-end. Tag attached to each Gun when sent out, giving full particulars of the quality of shooting. This Gun has been specially built to meet the general want of the sporting community for a sound gun of good design and excellent shooting qualities at a reasonable cost.

The manufacturers claims for this Gun a superiority over any gun yet offered to the sporting public at anything like the price. No skill or expense has been spared in order to produce a truly circular-jointed, machine-made gun, combining all the good points to be found in the most expensive guns of modern build, together with thorough interchangeability, each part being made to guage, and therefore easily duplicated by sending number on guard. The barrels are fitted together by a patent process far ahead of any system at present yet in vogue. Each gun passes the most rigid scrutiny before leaving the factory, and nothing but the very best material is used in the construction. Special attention is paid to the shooting qualities, and the manufacturer is enabled, by means of a recently invented method of choke-boring, to produce a high class standard of excellence.

Price - - - - - - - - - **$52 25**

BELMONT INTERCHANGEABLE GUN

GRADE B.

This Gun is beautifully engraved by hand. In all other respects is exactly the same as Grade A.

Price - - - - - - - - - **$60 00**

BREECH-LOADING

DOUBLE BARREL SHOT GUNS

LORBS

NO. A 1.

BACK ACTION.

Double barrelled, double bolted, central fire, side lever gun; fine twist barrels, both choked; elevated rib; good sound rebounding locks; solid block strikers; patent spring fore-end fastener; checkered oil finished walnut heart pistol hand stock, and fore-end; checkered horn heel plate; gun neatly engraved and well finished; 10 or 12 bore.

Price, - each, **$23 25**

HARDWARE CO.

NO. A 5.

LONDON

BAR ACTION.

Double barrelled, central fire, new pattern, top lever complete gun; fine twist barrels, both choked; extension steel lump or "doll's heads;" double bolted action with roll shoulders; elevated rib; good sound rebounding locks; solid block strikers; pistol hand stocks; handsome rubber butt plate; extra quality, oiled finished checkered walnut heart stock and fore-end; extra quality engraving and gun well finished; 10 or 12 bore.

Price - - - - - - - - - - - - - each, **$26 25**

BREECH-LOADING

DOUBLE BARREL SHOT GUNS

NO. A 6.

BAR ACTION.

New Model, double barrelled, central fire, top lever Gun; double bolted action, with roll shoulders and handsome double roll fence; Damascus barrels, with steel extension lump or "doll's head"; both barrels choked; shooting and penetration of first-class quality; Bonehill's new patent fore-end loop; elevated engine turned rib; best steel rebounding locks, with new pattern circular hammer out of the line of sight; sunk tumbler pins; gilded solid block strikers; Deeley & Edge's fore-end fastener; finely finished checkered walnut heart stock and fore-end; specially designed rubber butt plate, with maker's monogram in centre; Gun nicely engraved and finished in superior style. .10 or .12 bore.

Price - - - - - - - - - **$37 50**

The above A 6 Gun can be had with laminated steel barrels instead of Damascus, if so desired.

Price - - - - - - - - - **$36 00**

NO. A 8.

BAR ACTION.

Percussion fence; triplex bolted action. In all other respects the same as A 6.

Price - - - - - - - - **$46 55**

BREECH-LOADING

DOUBLE BARREL SHOT GUN

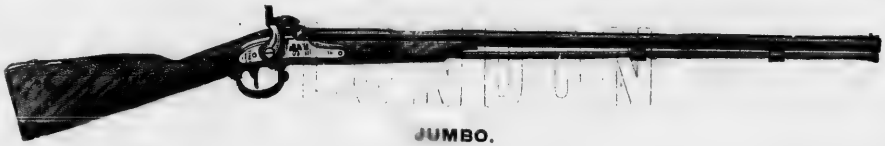
LEFAUCHEUX ACTION.

No. **2501**	Back action, blued steel barrels and furniture, oiled checkered walnut stock, .12 bore	price, **$11 25**
No **2501**	Back action, blued steel barrels and furniture, oiled checkered walnut stock, .10 bore	price, **12 00**
No. **2501**	Back action, blued steel barrels and furniture, oiled checkered walnut stock, pistol grip, .12 bore	price, **12 00**

BREECH-LOADING SINGLE BARREL SHOT GUN

ZULU.

Single barrel breech-loading shot gun, .12 bore, plain grip, Snider action, blued barrels - - -	price **$5 00**
Single barrel breech-loading shot gun, .12 bore, plain grip, Snider action, blued barrels, gun metal breech block,	price **5 50**



JUMBO.

Cut-down army musket, .12 gauge, oiled walnut stock, front-action lock, blued barrel, with polished furniture and steel cleaning rod - - - - - - - - - - price, **$3 38**

DICKERMAN'S PATENT HAMMERLESS

SINGLE BARREL SHOT GUN

A GENUINE HAMMERLESS

EACH GUN COMPLETE WITH THE FOLLOWING IMPROVEMENTS:

Rubber butt plate, pistol grip, top snap, patent fore-end, automatic safety, choke bored, blued frame, interchangeable parts. The top snap is utilized as a lever for cocking the hammer as well as breaking up the gun. The leverage is so adjusted that the gun is broken up and the hammer cocked as easily as an ordinary gun with simple top snap is broken up. By the same movement of the top snap the safety bolt is forced under the forward part of the trigger, locking the latter firmly into the bent of the hammer. The safety button is located just in front of the trigger and is fully protected by the guard, as shown in cut. This combination consists of breech-loading shot barrel No. 12 bore and rifle barrels which fires 44 cal. Winchester cartridges, oiled checkered, walnut stock with pistol grip. The whole is placed at the price of an ordinary single barrel breech loading gun or rifle, and is undoubtedly the cheapest firearm in the market.

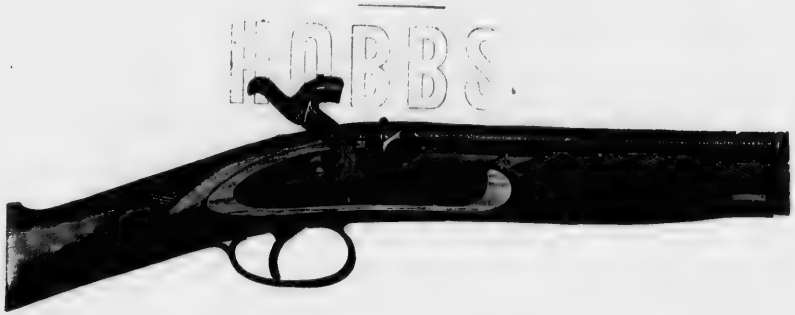
Price - - - - - - - - - - - - each, **$37 50**

"National Hammerless" Breech-Loading Single Guns

"National Hammerless," pistol grip, vulcanized heel plate, patent fore-end, plated trimmings, patent automatic action, 12 bore.

Price, - - - - - - - - - - - - each, **$12 00**

MUZZLE-LOADING SINGLE GUNS



No. **10**	Belgian, Men's Imitation Damascus, Checkered, 10 and 12 Bore	each, $
No. **15**	English Bar Action Locks, Twist, Oil Stock, Checkered, 10 and 12 Bore	each,
No. **20**	English Back Action Locks, Twist, Oil Stock, Checkered, 10 and 12 Bore	each,
No. **25**	English, better quality than No. 20, 10 and 12 Bore	each,

MUZZLE-LOADING DOUBLE GUNS

No. **100**	Belgian, Men's Imitation Damascus, Checkered, 10 and 12 Bore	each,
No. **150**	English Bar Action Locks, Twist, Oil Stock, Checkered, 10 and 12 Bore	each,
No. **200**	English Back Action Locks, Twist, Oil Stock, Checkered, 10 and 12 Bore	each,
No. **250**	English, better quality than No. 200, 10 and 12 Bore	each,

COLT'S NEW HAMMERLESS

DOUBLE BARREL B. L. SHOT GUNS

No. 1 Fine Damascus barrels, top snap, extension rib, double bolt, patent fore-end, pistol grip, horn butt, automatic bolt, choked, line engraving, 12 and 10 bore . . . . . price, **$80 00**

No. 2 Finest Damascus barrels, fine engraving and better finish, 12 and 10 bore, finest English walnut stock . . . . . price, **125 00**

COLT'S NEW LIGHTNING MAGAZINE RIFLES

32, 38 AND 44 CAL. CENTRAL FIRE.

CARBINE.

LENGTH OF BARREL.	NUMBER OF SHOTS.	WEIGHT.	PRICE.
20 inches.	12.	6¼ pounds.	**$16 50.**

SPORTING RIFLE, ROUND BARREL.

LENGTH OF BARREL.	NUMBER OF SHOTS.	WEIGHT.	PRICE.
26 inches.	15.	6¾ pounds.	**$16 50.**

SPORTING RIFLE, OCTAGON BARREL.

LENGTH OF BARREL.	NUMBER OF SHOTS.	WEIGHT.	PRICE.
26 inches.	15.	7¼ pounds.	**$18 00.**

PRICE.
18 00.

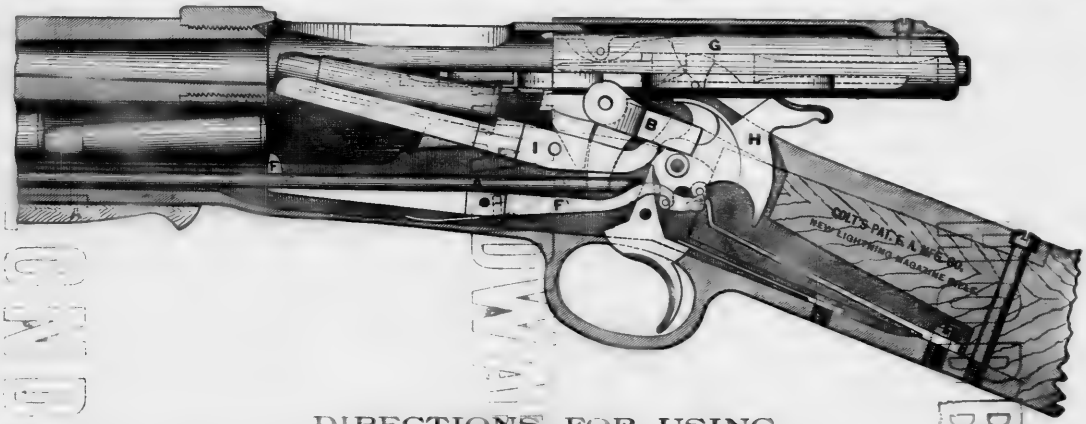
PRICE.
16 50.

PRICE.
16 50.

ce, 125 00

ce, $80 00

COLT'S · NEW · LIGHTNING · MAGAZINE · RIFLE



DIRECTIONS FOR USING

To Load and Fire.—When the hammer is at full or half cock, the action is released by lowering the hammer. Bring the piece to the shoulder in the usual way. Grasp the handle or slide A with the left hand and draw it to the rear. The first part of this rear movement raises the locking brace B from the abutment C, acts upon the firing-pin-lever D, withdraws the firing-pin E, and releases the magazine gate F, causing it to hold back the cartridge in the magazine, and as the bolt G moves to the rear, ejects the cartridge shell, cocks the hammer H, and raises the carrier I, so that when the movement is finished, the cartridge is in proper position to enter the chamber, as shown in the upper drawing. Then push the slide A forward. This movement carries the bolt G forward, drives the cartridge into the chamber, throws down the carrier I into position to receive, and withdraws the magazine gate F to release another cartridge, throws the brace B against the abutment C, and the rifle is then ready for firing. After the piece has been fired, or when the breech is closed, the handle and slide may be locked by half cocking the hammer. This action causes a projection on the magazine gate lever (shown just behind the letter F in the cut), to engage a corresponding recess in the under side of the slide, thus locking it, and preventing it and the breech bolt from moving. As may be seen from the lower drawing, the handle and slide can only be released by bringing the hammer to the down position. In the other positions of the hammer, viz.: full and half cock, the slide handle, and the breech bolt are positively locked. A feature peculiar to this rifle is, the breech bolt is brought clear forward and the extractor is hooked over the cartridge in the barrel before the magazine gate will allow another cartridge to be fed to the carrier, and the magazine gate is positively locked, only allowing one cartridge at a time to pass from the magazine, thus preventing blocking of the breech action, and the escape of cartridge under the carrier. The firing-pin is held back positively until the cartridge has entered the chamber, when the bolt is locked so that the premature explosion is impossible. The hammer is automatically locked and unlocked by the hook near the end of the magazine lever. By this arrangement the rifle may be loaded and discharged by the reciprocating motion of the slide, keeping the trigger constantly pressed back during the motion by the trigger finger. The magazine can only be charged when the slide is drawn to the rear.

To Take Apart the Rifle.—Take out the tang screw. Draw off the butt stock. Take out the magazine screw at the front end and remove the magazine. Take out the two side screws, cock the piece, draw the slide about half way to the rear and withdraw the trigger plate. Slide the bolt clear back, insert a punch in the small hole on the left hand side, and push out the locking-brace pin, and slide out the bolt. The other parts can be removed without special directions.

To Assemble the Rifle.—Replace the parts in the reverse order from that given for taking the rifle apart.

COLT'S NEW LIGHTNING MAGAZINE RIFLES

	OCTAGON.	ROUND.	CARABINE.	BABY CARBINE.
Length of Barrel	28 inches.	28 inches.	22 inches.	22 inches.
Number of Shots	10.	10.	8.	8.
Weight	10 lbs.	9¾ lbs.	9 lbs.	8 lbs.
Price	**$20.50**	**$19.00**	**$19.00**	**$19.00**

The .50-95 Express Rifle will only be made with a 26 inch barrel

Octagon Barrel	price, **$24 00**
Round Barrel	price, **22 50**

THIS MODEL IS MADE IN THE FOLLOWING CALIBRES:

.38 inch Calibre,	56 grains powder,	256 grains bullet.	.45 inch Calibre,	60 grains powder,	300 grains bullet.
.40 inch Calibre,	60 grains powder,	260 grains bullet.	.45 inch Calibre,	85 grains powder,	285 grains bullet.
			.50 inch Calibre,	95 grains powder,	300 grains bullet.

Carbines will if desired be furnished with Swivels for Straps.

This Rifle possesses peculiar advantages in weight and calibre for sporting purposes, particularly for large game. The materials are the best, and the workmanship of the highest order. The cuts and description of this Rifle show that the breech action is simpler and more perfect than any in the market, making the Rifle absolutely safe against accidental explosion, by a positive automatic lock; and the left-hand method of handling ensures the easiest manipulation of the gun. Care should be taken in the selection of cartridges that the .40-60 260 cartridges should be obtained, for although the Rifle will take the cartridges with a bullet weighing 210 grains, the shell will be distorted, as the Rifle is chambered for that in which the bullet weighs 260 grains, will give the best results. Attention is called to the fact that by holding the trigger back, and using the reciprocating motion with the left hand, the Rifle can be fired with great rapidity and without further use of the trigger. In addition to the above styles, we are now making in this model an EXPRESS RIFLE to use the .50 inch calibre cartridge containing 95 grains of powder and 300 grains hollow express bullet. A solid bullet can be used if desired, but to obtain the flattest possible trajectory only the regular hollow express bullet should be used. This arm is especially adapted to those sportsmen who hunt large game, and as an Express Rifle is unexcelled. We guarantee all of our Rifles and their accuracy, which is unsurpassed, only with the U. M. C. make of cartridge, made expressly for our Rifles and bearing *fac simile* of our signature on each box.

.22 INCH CALIBRE

	LENGTH OF BARREL.	NUMBER OF SHOTS.	WEIGHT.	PRICE.
Octagon	24 inches.	15 long, 16 short.	5¾ lbs.	**$20 50**
Round	24 inches.	15 long, 16 short.	6 lbs.	**19 00**

This Rifle possesses peculiar advantages in weight and calibre for small game and target practice. The materials are the best, and the workmanship of the highest order. The cuts and description of this Rifle show that the breech action is simpler and more perfect than any other in the market making the Rifle absolutely safe against accidental explosion; and the left-handed method of handling ensures the easiest manipulation of the gun. Care should be taken in the selection of cartridges. The Rifle will take all long or all short .22 calibre cartridges, or a part long and a part short. Attention is called to the fact that by holding the trigger back, and using the reciprocating motion with the left hand, the rifle can be fired with great rapidity and without further use of the trigger. The handle and slide are locked in their forward position except when the hammer is down.

WINCHESTER REPEATING SHOT GUN

TO DISMOUNT THE ARM:

Take out the main spring. To do this it will be necessary to use a pair of pliers. Compress the main spring, and draw it backwards through the hammer slot in the breech block. Remove the right and left carrier screws. Lift the carrier out through the top of the gun. Push out the breech block pin, and remove breech block and hammer. To take out the extractor, push the extractor against the lower side of its slot. Push back the extractor spring pin with the point of a knife, and push the extractor hook towards the breech block stud. The firing pin is removed by taking out the firing pin stop screw To remove the sear, unscrew the sear spring screw. Drive out the sear pin.

THE WINCHESTER REPEATING SHOT GUN. 12 GAUGE, 6 SHOT.

Sportsmen will find this a strong, serviceable arm. The system contains but sixteen parts in all, and can be readily understood from the sectional cuts. The breech block and finger lever form one piece, and move together in opening and closing. The hammer, placed in the breech block, is automatically cocked during the closing motion, but can also be cocked or set at half cock by hand. The trigger and finger lever are so adjusted that the trigger cannot be pulled prematurely, and the gun cannot be discharged until closed. The barrel can be examined and cleaned from the breech. The magazine and carrier hold five cartridges, which, with one in chamber, make six at the command of the shooter. Anyone accustomed to shooting can readily shoot double birds with this gun. The gun will only be made in 12 guage, and will handle shells 2⅝ inches long, or less. To fill the magazine, throw down the lever and push four cartridges through the carrier into the magazine, placing the fifth in the carrier; the forward and backward motion of the finger lever, which can be executed while the gun is at the shoulder, throws out the empty shell, raises a new cartridge from the magazine and puts it into the barrel; the gun is then ready to be fired. The standard gun will be made up with rolled steel barrel, case-hardened trimmings, and pistol grip stock of plain wood, not checked. All guns will be full choked, and no gun will be sent out which will not make a good target. The standard length of barrel will be 30 or 32 inches, as may be desired; but unless otherwise ordered, guns with 30 inch barrel will in all cases be sent. Two kinds of Damascus barrels will be furnished when desired at prices given below. The standard gun will have a stock 12¾ inches in length and 2⅝ inches drop, and any variation from standard length or drop will be charged for extra.

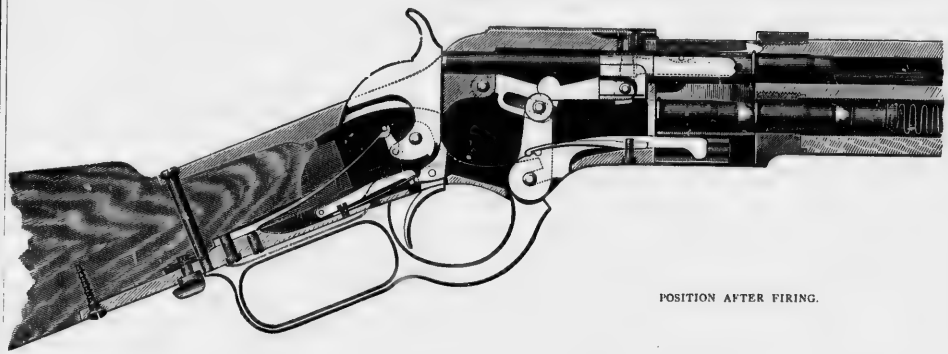
PRICE LIST OF REPEATING SHOT GUNS.

Winchester Repeating Shot Gun, rolled steel barrel, with plain pistol grip stock, 30 or 32 inch barrel (12 gauge only),	$25 00
Fancy Walnut Stock and Fore-arm, not checked	10 00
Checking Stock and Fore-arm	5 00
Extra Length or Drop of Stock, to order	10 00
Rubber Butt Plate	2 00
Good (3 blade) Damascus Barrel (additional)	15 00
Fine (4 blade)	20 00

THE WINCHESTER REPEATING RIFLE

SECTIONAL CUT OF WINCHESTER RIFLE.

Fig. 1.



POSITION AFTER FIRING.

CUT OF WINCHESTER RIFLE WITH BREECH-PIN WITHDRAWN.

Fig. 2.

THE WINCHESTER.

The system and operation of the Winchester is easily understood from the sectional cuts of the arm shown above. The magazine is charged while the system is closed, in the position shown in Fig. 1, by pressing down the spring cover, found on the right-hand side of the receiver, with the point of the cartridge, and inserting the latter through the opening thus made. This last is closed by the spring cover as soon as the cartridge is inserted. The operation is repeated until the magazine is filled When it is desired to load, the finger-lever, B, is thrown forward to the position shown in Fig. 2, and then returned to that shown in Fig. 1. This motion throws out the shell or cartridge in the chamber, transfers a cartridge from the magazine to the chamber, cocks the hammer, and leaves the arm ready to fire by pulling the trigger. This motion may be executed while the gun is at the hip, or at the shoulder without taking the eye from the sights, thus enabling the firer to discharge two or more shots without removing the gun from the shoulder or losing sight of the object which it is desired to hit.

WINCHESTER'S REPEATING RIFLE

MODEL 1873.

SPORTING RIFLE, OCTAGON BARREL, PLAIN TRIGGER.

	ROUND BARREL.	HALF-OCTAGON BARREL.	OCTAGON BARREL.
Price	**$18 00**	**$19 50**	**$19 50**
Length of Barrel	24 inch.	24 inch.	24 inch.
Number of Shots	15.	15.	15.
Weight	8¾ lbs.	8¾ lbs.	9 lbs.
Calibre	32, 38 or 44.		

WINCHESTER'S NEW REPEATING RIFLE

MODEL 1886.

This gun is adapted to the 45-70 Government Cartridges with 405 or 500 grain bullet, and to 45-90-300 or 40-82-260 Cartridges made especially for it The system is a new one, as shown in the cuts. It is manipulated, like the Winchester, by a finger lever. This part has a short movement, enabling easy and rapid firing of the gun from the shoulder. The gun is locked by two bolts, having a motion like the old Sharp's breech-block, which show on the top of the gun when it is closed. In this position the locking bolts lie one on each side of the breech-bolt, each fitting into it- slot in the frame on the one side, and into a similar slot in the breech-bolt on the other. A glance at the gun will convince any one that this is a most simple and solid locking device.

The magazine is filled, while the gun is closed, through a spring cover at the side, and is provided with a stop which permits the use of cartridges having the same shell of varying lengths less than the standard. Thus a gun chambered for the 45-70 cartridges will carry that cartridge with either the 405 or 500 grain bullet. Guns, however, chambered for the 45-90 or 40-82 cartridges will carry those cartridges only, and no others.

PRICE LIST OF WINCHESTER REPEATING RIFLE, MODEL 1886.

Octagon Barrel, 26 inches long or under, weight about 9¼ lbs.	price, **$21 00**
Half Octagon Barrel, 26 inches long or under, weight about 9¼ lbs.	price, **21 00**
Round Barrel, 26 inches long or under, weight about 9 lbs.	price, **19 50**

The standard length of barrel will be 26 inches. Guns taking the 45-70 Cartridge will have the Sporting Leaf Sight, and all others the Sporting Rear Sight.

A rifle with 26 inch barrel and full magazine will carry nine 45-70-405 Cartridges, or eight of the other three cartridges.

Half Magazine Rifles will carry three cartridges in the magazine and one in the barrel.

Cleaning Rods will not be put in butt-stock, but each gun will be accompanied by a Slotted Hickory Rod without charge.

EXTRAS ON RIFLES.

All deviations from standard styles and sizes involve a large proportional outlay for hand labor, and, when ordered, will be subject to the following charges:

For additional length of barrel and magazine on Repeating Rifles, add to price $1 per inch over the regular lengths, as quoted in. Barrels cannot be furnished longer than 36 inches.

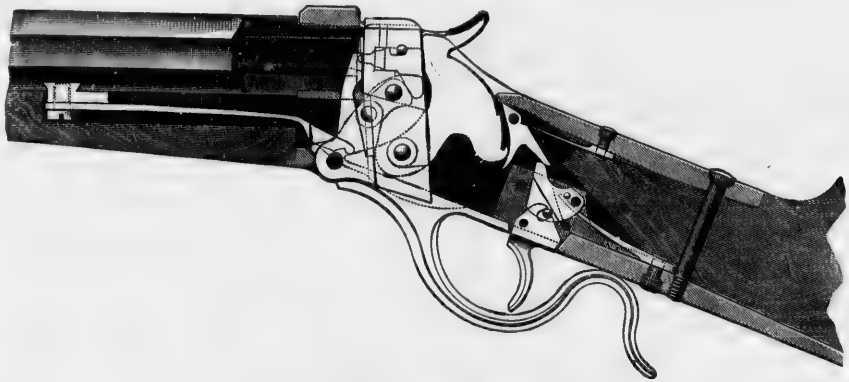
Extra heavy barrels on Repeating Rifles, round or octagon, increasing the weight of the gun from one to two pounds, can be furnished at an additional cost of $4.

Butt-stocks of special shape, involving change in either length or drop from standard, $10.

Engraving from $5 to $100 additional, according to style and quality.

Full Nickel Plating	$4 00	Leaving off Rear Sight Slot, or changing position of Rear Sight,	$2 00
Nickel Plating Trimmings	2 50	Blank Piece to fill Back Sight Seat	25
Silver Plating Trimmings	4 00	Case-hardening on Models 1873 and 1876	1 00
Gold Plating Trimmings	8 00	Extra Finished Plain Stocks, on Case-hardened Guns only,	2 00
Set Triggers (on Winchesters only, Models 1873, 1876 and 1886)	3 00	Sling Strap	75
Set Triggers on Single Shot Rifles	2 00	Swivels and Sling Strap	1 50
Fancy Walnut Stock and Forearm	5 00	Matted Barrels	5 00
Checking Butt-stock and Forearm	5 00	Mid-Range Vernier Peep Sight	4 00
Fancy Walnut Stock and Forearm, checked	10 00	Graduated Peep Sight	3 00
Pistol Grip Stock and Forearm, Fancy Walnut, checked,	15 00	Wind Gauge Sight, with Spirit Level	4 00
Pistol Grip Stock of Plain Walnut, not checked	6 00	Globe Sight, with Interchangeable Disc	1 25
Rubber Butt Plates	2 00	Beach Sight	1 00
Swiss Butt Plates	2 00	Sporting Rear Sight	80
Cheek Piece on Fancy Stock	4 00	Front Sight	30

WINCHESTER SINGLE SHOT RIFLE



THE WINCHESTER SINGLE SHOT RIFLE.

This gun has the old Sharp's breech-block and lever, and is as safe and solid as that arm. The firing pin is automatically withdrawn at the first opening movement of the gun, and held back until the gun is closed. The hammer is centrally hung, but drops down with the breech-block when the gun is opened, and is cocked by the closing movement It can also be cocked by hand. This arrangement allows the barrel to be wiped and examined from the breech. In outline everything has been done to make the gun pleasing to the eye. It can be furnished with or without set trigger, with barrels of all ordinary lengths and weights, and for all standard cartridges; also with rifle and shot gun butt, plain or fancy wood, or with pistol grip. All 22 Calibre Rim Fire Rifles are fitted with a kicking extractor, which throws the shell clear of the gun.

TO DISMOUNT THE ARM.

Take off the forearm. Take out the main-spring. Take out the ejector spring. Loosen the stop screw and take out the finger lever pin. Draw out the breech-block by the finger lever with the hammer attached. The extractor will drop out. If it is desired to remove the trigger or sear, take off the stock. Remove the side tang screws and tang. The pieces attached to the tang can then be removed by pushing out the pins that hold them. Remove the sear spring screw and spring.

TO ASSEMBLE THE GUN.

Replace the sear spring and screw. Mount the trigger and other parts of the lock on the tang and slide it into place. Replace the side tang screws. Assemble together the hammer, breech-block and finger lever, and hold them in the same relation to each other as shown in cut: that is, the firing pin protruded and the hammer against the breech-block. In this position push them from the under side of the gun partly into position. Put in the extractor and push the whole into place, holding back the trigger that the sear may not catch on the hammer. Put back the main-spring, ejector spring and forearm. Replace the stock.

SINGLE SHOT RIFLES

PRICE LIST OF SINGLE SHOT RIFLES

Octagon or Half Octagon Barrel	**$15 00**
Round Barrel	**14 50**
Musket	**16 00**

The regular length of barrels for guns using 22 calibre cartridges will be 24 inches, and for 22 Centre Fire, and 32 or 38 Rim Fire, will be 26 inches; and all guns taking other Rim Fire Cartridges, or pistol sizes of Centre Fire Cartridges, will be made with 28 inch barrel. All guns taking Military or Sporting Cartridges will have a standard length of barrel of 30 inches. To accommodate all tastes as to weights, we shall make five sizes of barrels, numbered from 1 to 5, and varying in weight.

No 1 Barrel is the smallest, and will be adapted to small calibres of Rim and Centre Fire Cartridges, and will also take 22, 32, 38 and 44 W. C. F. Cartridges. Guns with this size will weigh from 7 to 8 lbs., varying according to calibre.

No. 2 Barrel is intended for small sizes of Centre Fire Cartridges, and will weigh about 8½ lbs. If light guns are desired for the larger sizes of Centre Fire Cartridges this barrel can be furnished for them.

No. 3 Barrel is intended for large sizes of Military and Sporting Cartridges, and will weigh from 9 to 10 lbs., varying accordnig to calibre. With the same length and outside size, a 38 calibre will weigh about half a pound more than a 45 calibre.

All of the above Barrels will be listed at the same price, viz.: $15.00 for the Octagon Barrel of standard length.

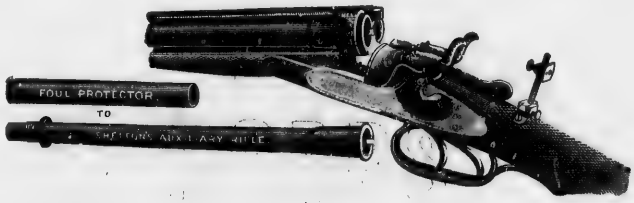
All 22 Calibre Single Shot Rifles will be accompanied by a Brass Cleaning Rod, other calibres by a Slotted Hickory Rod, without charge.

Set Trrigers, additional	**$2 00**
Jointed Rod in Butt Stock	**50**

When special barrel without slot for rear sight is wanted, an additional charge of $2 will be made, and no allowance for rear sight.

For extra lengths over those given above, $1 for every two inches.

AUXILIARY RIFLE BARREL



No. 12 x 44 Guage, Nickel Plated, complete with Cleaning Rod . . . . . each, **$12 00**

Just the thing. A good rifle for little money Can be instantly adjusted to any 12 bore breech-loading shot gun. Uses Winchester Model '73, Cartridges No. 44 Cal.

Special sight for Auxiliary Rifle . . . . . each, **$3 75**

FLOBERT RIFLES

REMINGTON ACTION FOR CARTRIDGE.

PISTOL GRIP.

22 Calibre, Light, 22 inch Barrel, Rifled, Oiled Walnut Stock, Nickeled Mountings . . . . each, **$4 87**
22 Calibre Rifle, Heavy Barrel, Oiled Walnut Stock, Nickeled Mountings . . . . . each, **5 62**

IMPROVED WARNANT ACTION.

PISTOL GRIP.

22 Calibre, Light, 22 inch Barrel, Rifled, Oiled Walnut Stock, Nickeled Mountings . . . . . each, **$5 25**
32 Calibre, Light, 22 inch Barrel, Oiled Walnut Stock, Nickeled Mountings . . . . . each, **5 65**
32 Calibre, Heavy, 22 inch Barrel, Oiled Walnut Stock, Nickeled Mountings . . . . . each, **6 37**

REVOLVERS

22 CALIBRE. RIM FIRE.

U. S. P. CO

No. 110.

No.	Description.	Each.
100	22 calibre, long, 7 shot, octagon barrel, wood stock, nickel plated	$1 35
110	22 calibre, long, 7 shot, octagon barrel, rubber stock, nickel plated	1 65

38 CALIBRE. LONG. RIM FIRE. SAW HANDLE STOCK.

SENTINEL.

No. 120

No.	Description.	Each.
120	38 calibre, long, 5 shot, round barrel, wood saw handle stock, nickel plated	$2 25

REVOLVERS

32 CALIBRE. LONG. RIM FIRE.

PROTECTOR.

No 140.

No.	Description.	Each.
130	32 calibre, long, 5 shot, round barrel, wood stock, nickel plated	$1 75
140	32 calibre, long, 5 shot, round barrel, rubber stock, nickel plated	1 95
150	32 calibre, long, 5 shot, round barrel, rubber stock, engraved, nickel plated	2 10

32 CALIBRE. LONG. RIM FIRE.

PATRIOT.

No. 170.

No.	Description.	Each.
160	32 calibre, long, 5 shot, round barrel, rubber stock, engraved, nickel plated	$2 10
170	32 calibre, long, 5 shot, octagon barrel, rubber stock, engraved, nickel plated	2 45

REVOLVERS

32 CALIBRE. LONG RIM FIRE.

THE "NEW MODEL."

No. 180.

No.	Description.	Each.
180	32 calibre, long, 5 shot, round barrel, rubber stock, nickel plated	$4 50

32 AND 38 CALIBRE. CENTRAL FIRE. DOUBLE ACTION.

AMERICAN BULL DOG.

Nos. 190 and 200.

No.	Description.	Each.
190	32 calibre, S. & W. cartridges, 5 shot, octagon barrel, rubber stock, nickel plated	$4 87
200	38 calibre, S. & W. cartridges, 5 shot, octagon barrel, rubber stock, nickel plated	4 87

32, 38 AND 44 CALIBRE. CENTRAL FIRE. DOUBLE ACTION.

"BRITISH"

BULL DOG.

NOS. 210 TO 230.

Using Smith & Wesson Central Fire Cartridges

No.	Description	Each.
210	32 calibre, 5 shot, rubber stock, nickel plated	$3 00
220	38 calibre, 5 shot, rubber stock, nickel plated	3 60
230	44 calibre, 5 shot, rubber stock, nickel plated	3 75

32 CALIBRE. CENTRAL FIRE. DOUBLE ACTION.

THE METROPOLITAN

POLICE REVOLVER

Double action, 32 calibre, short or long cartridges, patent safety lock. The best yet introduced. Is instantly adjusted, and insures perfect safety in handling the revolver when loaded. Using Smith & Wesson's Central Fire Cartridges.

No	Description	Each.
240	32 calibre, 5 shot, rubber stock, patent safety lock, nickel plated	$9 75

REVOLVERS

32 CALIBRE. RIM FIRE. SINGLE ACTION.

"NORWICH ARMS CO."

NO. 250.

No.	Description.	Each.
250	32 calibre, 5 shot, silver plated stock, engraved gold plated cylinder and pin	$3 00

32, 38 AND 44 CALIBRE. CENTRAL FIRE. DOUBLE ACTION.

BRITISH CONSTABULARY.

NOS. 260 TO 280.

FOR SMITH & WESSON CARTRIDGES.

No.	Description.	Each.
260	32 calibre, 5 shot, rubber stock, nickel plated	$3 45
270	38 calibre, 5 shot, rubber stock, nickel plated	4 50
280	44 calibre, 5 shot, rubber stock, nickel plated	6 00

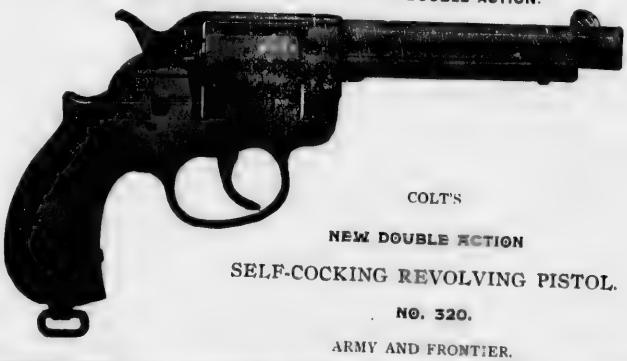
REVOLVERS

32, 38 AND 44 CALIBRE. CENTRAL FIRE. DOUBLE ACTION.

SMITH & WESSON, AUTOMATIC SELF-EJECTING.

No.	Description.	Each.
290	32 calibre, 5 shot, rubber stock, rebounding locks, rifled barrel, nickel plated	$7 50
300	38 calibre, 5 shot, rubber stock, rebounding locks, rifled barrel, nickel plated	8 00
310	44 calibre, 5 shot, rubber stock, rebounding locks, rifled barrel, nickel plated	8 50

44 AND 45 CALIBRE. CENTRAL FIRE. DOUBLE ACTION.



COLT'S

NEW DOUBLE ACTION

SELF-COCKING REVOLVING PISTOL.

NO. 320.

ARMY AND FRONTIER.

No.	Description.	Each.
320	45 calibre, Army, and 44 calibre, Frontier, 6 shot, rubber stock, nickel plated or blued frame, length of barrels 4¾, 5½ and 7½ inches	$18 00

REVOLVERS

38 AND 41 CALIBRE. CENTRAL FIRE. DOUBLE ACTION.

COLT'S SELF-COCKING REVOLVING PISTOL, WITH EJECTOR

No. 330.

No.	Description.	Each.
330	38 and 41 calibre, 6 shot, with walnut, rosewood or hard rubber stocks, blued or full nickel plated, length of barrels, 4½, 5 and 6 inches	$15 00

38, 44 AND 45 CALIBRE. CENTRAL FIRE. SINGLE ACTION.

COLT'S ARMY AND FRONTIER PISTOL.

Nos. 340 and 350

Cartridges for the "Army" Pistol .45 inch calibre. "The Frontier" is made to use the 38-100 and 44-100 Colt's Lightning Magazine Rifle Cartridges.

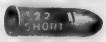
No.	Description.	Each.
340	"Army," 45 calibre, 6 shot, length of barrel 7½ inches, rifled barrels	$16 00
350	"The Frontier," 38 and 44 calibre, 6 shot, length of barrel 7½ inches, rifled barrels	16 00

U.M.C.

TRADE MARK.

RIM FIRE PISTOL AND RIFLE CARTRIDGES.

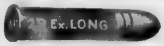
Manufactured by the UNION METALLIC CARTRIDGE COMPANY.



Price per 1,000, $5.00. Powder 4 grains.
Case contains 10,000. Lead 29 "
Primed shells, per 1,000, $3.00,
For 22 calibre revolvers and rifles.

Price per 1,000, $6.00. Powder 5 grains.
Case contains 10,000. Lead 29 "
Primed shells, per 1,000, $2.50.
For 22 calibre long revolvers and rifles.

Price per 1,000, $6.00. Powder 5 grains.
Case contains 10,000. Lead 40 "
Primed shells, per 1,000, $2.50.
For Ballard, Stevens, and other rifles.



Price per 1,000, $9.00. Powder 6 grains.
Case contains 10,000 Lead 40 "
Primed [illegible] per 1,000, $3.00.
For Ballard, [illegible]vens, and other rifles.

Price per 1,000, $[illegible].50. Powder 5 grains.
Case contains 5,000. Lead 43 "
Primed shells, per 1,000, $3.00.
For Bacon & Bliss revolvers.

Price per 1,000, $9.00. Powder 6 grains.
Case contains 5,000. Lead 58 "
Primed shells, per 1,000, $3.00.
For Colt's Standard and other revolvers.

Price per 1,000, $10.50. Powder 8 grains.
Case contains 5,000. Lead 75 "
Primed shells, per 1,000, $3.60.
For Colt's Standard and other revolvers.

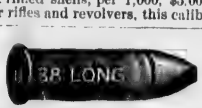
Price per 1,000, $10.00. Powder 5½ grains.
Case contains 5,000. Lead 60 "
Primed shells, per 1,000, $3.00.
For Remington magazine pistols.

Price [illegible] 0.00. Powder 9 grains.
Case con[illegible] 00. Lead 80 "
Pr[illegible] cells, per 1,000, $3.00.
For [illegible]alibre revolve[illegible] and rifles.

Price per 1,000, $11.50. Powder 13 grains.
Case contains 5,000. Lead 90 "
Primed shells, per 1,000, $4.00.
For 32 calibre long revolvers and rifles.

Price per 1,000, $16.50. Powder 18 grains.
Case contains 2,000. Lead 90 "
Primed shells, per 1,000, $6.50.
For Ballard, Stevens, and other rifles.

Price per 1,000, $16.00. Powder 15 grains.
Case contains 3,000. Lead 125 "
Primed shells, per 1,000, $5.00.
For rifles and revolvers, this calibre.

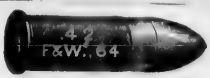


Prices per 1,000, $18.00. Powder 18 grains.
Case contains 2,000. Lead 150 "
Primed shells, per 1,000, $6.00.
For revolvers, Ballard, and other rifles.

Price per 1,000, $25.00. Powder 31 grains.
Case contains 2,000. Lead 150 "
Primed shell, per 1,000, $9.50.
For Ballard, Stevens, and other rifles.

Price per 1,000, $15.00. Powder 10 grains.
Case contains 3,000. Lead 153 "
Primed shells, per 1,000, $4.50.
Colt's, Remington, and other revolvers.

Price per 1,000, $17.50. Powder 15 grains.
Case contains 3,000. Lead 163 "
Primed shells, per 1,000, $5.50.
For Colt's and other revolvers.



Price per 1,000, $30.00. Powder 20 grains.
Case contains 2,000. Lead 220 "
Primed shells, per 1,000, $7.50.
For Allen rifles.

Price per 1,000, $23.00. Powder 15 grains.
Case contains 2,000. Lead 200 "
Primed shells, per 1,000, $6.00.
For Bull Dog, Remington and other revolvers.

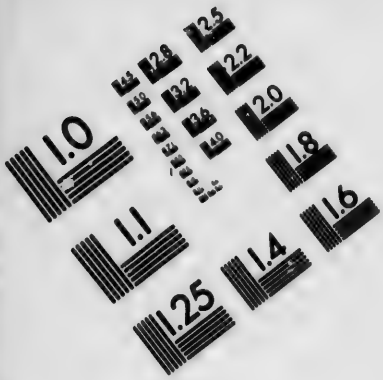
Price per 1,000, $25.00. Powder 18 grains.
Cose contains 2,000. Lead 218 "
Primed shells, per 1,000, $7.50.
For Ballard, Remington and other rifles.

Price per 1,000, $24.00. Powder 26 grains.
Case contains 2,000. Lead 200 "
Primed shells, per 1,000, $7.50.
For Winchester model '66 rifles and revolvers.

Price per 1,000, $25.00. Powder 26 grains.
Case contains 2,000. Lead 200 "
Primed shells, per 1,000, $7.50.
For Winchester Model, '66 rifles and revolvers.

Price per 1,000, $27.00. Powder 33 grains.
Case contains 1,000. Lead 218 "
Primed shells, per 1,000, $9.00.
For Howard's and other rifles.

Blank cartridges, same list as ball cartridges but different discount. When ordering 22 calibre cartridges state if wanted 50 or 100 in a box.



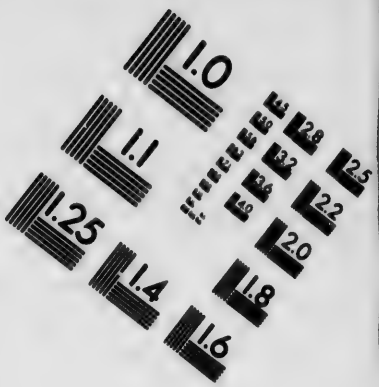
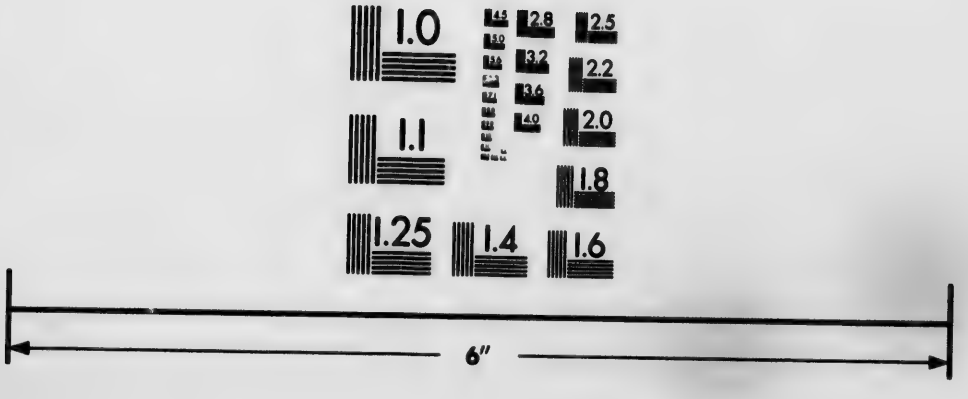
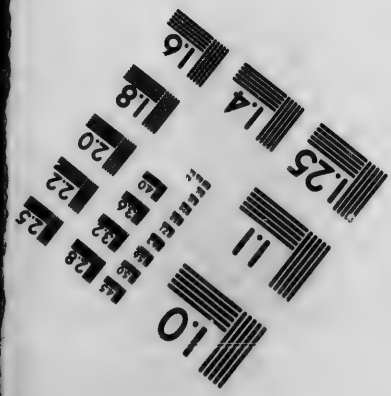


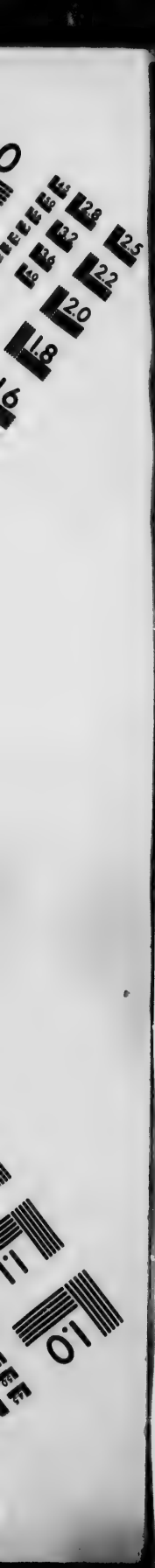
IMAGE EVALUATION
TEST TARGET (MT-3)





Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503


2.8
2.5
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2.2
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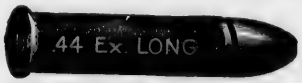
2.0
1.8
1.1
1.0

U.M.C.
TRADE MARK.

RIM FIRE PISTOL AND RIFLE CARTRIDGES.

Price per 1,000, $25.00. Powder 26 grains.
Case contains 2,000. Lead 200 "
Primed shells, per 1,000, $7.50.
For Winchester model '66 rifle and revolvers.



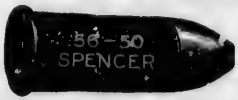
Price per 1,000. $36.00. Powder 46 grains.
Case contains 1,000. Lead 218 "
Primed shells, per 1,000, $11.00.
For Ballard, Stevens, and other rifles.

Price per 1,000, $25.00. Powder 20 grains.
Case contains 2,000. Lead 227 "
Primed shells, per 1,000, $7.50.
For Remington, Army, and other revolvers.

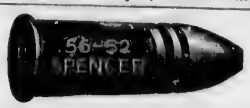
Price per 1,000, $33.00. Powder 35 grains.
Case contains 2,000. Lead 305 "
Primed shells per 1,000, $8.50.
For Ballard, Remington, & other rifles.

Price per 1,000, $46.00. Powder 51 grains.
Case contains 1,000. Lead 305 "
Primed shells, per 1,000, $11.00.
For Ballard, Remington, and other rifles.

Price per 1,000, $40.00. Powder 45 grains.
Case contains 2,000. Lead 320 "
Primed shells, per 1,000, $12.00.
For Spencer repeating rifles.



Price per 1,000, $40.00. Powder 45 grains.
Case contains 1,000. Lead 350 "
Primed shells, per 1,000, $12.00.
For Spencer's, Sharps's, and other rifles.

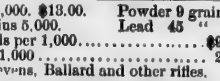


Price per 1,000, $40.00. Powder 45 grains
Case contains 1,000. Lead 430 "
Primed shells, per 1,000, $12.00.
For Spencer, Military, and other rifles.

Price per 1,000, $40.00. Powder 45 grains.
Case contains 1,000. Lead 362 "
Primed shells, per 1,000, $12.00.
For Spencer, Ballard and other carbines.

CENTRAL FIRE PISTOL AND RIFLE CARTRIDGES.

U. M. C. Primer No. 00.

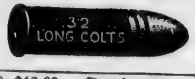


Price per 1,000. $13.00. Powder 9 grains.
Case contains 5,000. Lead 45 "
Primed shells per 1,000.....$9.00
Bullets per 1,000..... 2.50
For Stevens, Ballard and other rifles.

U. M. C. Primer No. 0.

Price per 1,000, $11.00. Powder 9 grains.
Case contains 5,000. Lead 80 "
Primed shells per 1,000..... .....$6.00
Bullets per 1,000.....3.00
For Colt's and other revolv rs.

U. M. C. Primer No. 0.



Price per 1,000, $12.00. Powder 13 grains.
Case contains 5,000. Lead 90 "
Primed shells per 1,000.....$6.50
Bullets per 1,000..... 3.00
For Webley and other revolvers.

U. M. C. Primer No. 0.

Price per 1,000, $11.00. Powder, 10 grains.
Case contains 5,000. Lead 88 "
Primed shells per 1000.....$6.00
Bullets per 1,000..... 3.00
For S. and W. and Bull-dog revolvers.

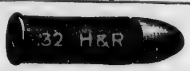
U. M. C. Primer No. 1.

Price per 1,000, $18.00. Powder 6 grains.
Case contains 3,000. Lead 50 "
Primed shells per 1,000.....$10.00
Bullets per 1,000..... 4.00
For S. and W. Gallery revolver.

U. M. C. Primer No. 1 1-2.

Price per 1,000, $20.00. Powder 17 grains.
Case contains 3,000. Lead 98 "
Primed shells per 1,000.....$10.00
Bullets per 1,000..... 5.00
For S. and W. revolving rifle.

U. M. C. Primer No. 0.



Price per 1,000 $14.00. Powder 15 grains.
Case contains 5,000. Lead 88 "
Primed shells per 1,000.....$7.50
Bullets per 1 000..... 4.50
For H. and R. revolvers.

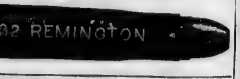
U. M. C. Primer. No. 1.

Price per 1,000 $16.00. Powder 20 grains.
Case contains 2,000. Lead 116 "
Primed shells per 1,000.....$9.00
Bullets per 1,000..... 4.00
For Winchester rifle, model '73.

U. M. C Primer. No. 1.

Price per 1,000 $16.00. Powder 20 grains.
Case contains 2,000. Lead 116 "
Primed shells per 1,000.....$9.00
Bullets per 1,000..... 4.00
For Colt's Lightning Repeating rifles,

U.M.C. Primer No. 1½



Price per 1,000, $25.00. Powder 30 grains.
Case contains 1,000. Lead 125 "
Primed shells per 1,000..... ...$11.00
Bullets per 1,000..... 7.00
For Remington rifles.

U.M.C. Prim. 1½

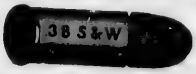
Price per 1,000, $18.00. Powder 18 grains.
Case contains 3,000. Lead 105 "
Primed shells per 1,000.... .....$8.00
Bullets per 1,000..... 3.50
For Ballard and other rifles.

Blank Cartridges Same List as Ball Cartridges, but Different Discount.

U.M.C.
TRADE MARK

CENTRAL FIRE PISTOL AND RIFLE CARTRIDGES.

U. M. C. Primer No. 0.



Price per 1,000, $13.50. Powder 15 grains.
Case contains 2,000. Lead 146 "
Primed shells per 1,000 ..... $7.50
Bullets per 1,000 ..... 4.50
For S. & W. B. B. Dog and other revolvers.

U. M. C. Primer No. 0.

Price per 1,000, $13.50. Powder 15 grains.
Case contains 2,000. Lead, 142 "
Primed shells per 1,000 ..... $8.00
Bullets per 1,000 ..... 4.50
For M. & H. revolvers.

U. M. C. Primer No. 0.

Price per 1,000 $13.50. Powder, 15 grains.
Case contains 4,000. Lead 125 "
Primed shells per 1,000 ..... $7.00
Bullets per 1,000 ..... 4.00
For Colt's Remington and other revolvers.

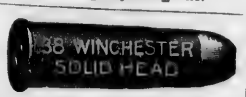
U. M. C. Primer No. 0.

Price per 1,000, $14.50. Powder 18 grains.
Case contains 3 000 Lead 150 "
Primed shells per 1,000 ..... $7.50
Bullets per 1,000 ..... 4.50
For Colt's revolvers and rifles.

U. M. C. Primer No. 1.

Price per 1,000, $19.00. Powder 40 grains.
Case contains 2,000. Lead 160 "
Primed shells per 1,000 ..... $10.00
Bullets per 1,000 ..... 5.00
For Colt's Lightning Repeating rifle.

U. M. C. Primer No. 1.



Price per 1,000, $19.00. Powder 40 grains.
Case contains 2,000. Lead 160 "
Primed shells per 1,000 ..... $10.00
Bullets per 1,000 ..... 5.00
For Winchester rifle, Model '73.

U. M. C. Pr. No. 1.

Price per 1,000, $23.00. Powder 31 grains.
Case contains 2,000. Lead 146 "
Primed shells per 1,000 ..... $11.00
Bullets per 1,000 ..... 5.00
For Frank Wesson and other rifles.

U. M. C. Primer No. 0.

Price per 1,000, $15.00. Powder 15 grains.
Case contains 2,000. Lead 163 "
Primed shells per 1,000 ..... $7.50
Bullets per 1,000 ..... 4.00
For Colts and Remington revolvers.

U. M. C. Primer No. 0.

Price per 1,000, $15.00 Powder 15 grains.
Case contains 2,000. Lead 163 "
Primed shells per 1 000 ..... $7.50
Bullets per 1,000 ..... 4.00
For Colt's double action revolvers.

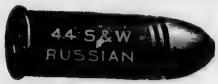
U. M. C. Primer No. 0.

Price per 1,000, $17.50. Powder 22 grains.
Case contains 2,000. Lead 196 "
Primed shells per 1,000 ..... $8.00
Bullets per 1,000 ..... 6.00
For Colt's double action revolvers.

U. M. C. Primer No. 0.

Price per 1,000, $19.00. Powder 23 grains.
Case contains 2,000. Lead 218 "
Primed shells per 1,000 ..... $8.50
Bullets per 1,000 ..... 6.00
For S. & W. American model revolvers.

U. M. C. Primer No. 2



Price per 1,000, $20 00. Powder 23 grains.
Case contains 2,000. Lead 256 "
Primed shells per 1,000 ..... $9.50
Bullets per 1,000 ..... 6.50
For S. & W. Russian model No. 3.

U. M. C. Primer No. 1.

Price per 1 000, $20.00. Powder 28 grains.
Case contains 2,000. Lead 222 "
Primed shells per 1,000 ..... $10.00
Bullets per 1,000 ..... 6.50
For M. & H. Army revolvers

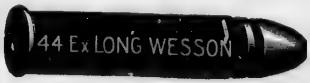
U. M. C. Primer No. 2.

Price per 1,000, $20.00. Powder 23 grains.
Case contains 2,000. Lead 210 "
Primed shells per 1,000 ..... $10.00
Bullets per 1,000 ..... 6.00
For Colt's old Model Army revolvers.

U. M. C. Primer No. 1.

Price per 1,000, $23.00. Powder 35 grains.
Case contains 2,000. Lead 227 "
Primed shells per 1,000 ..... $9.50
Bullets per 1,000 ..... 6.00
For Ballard rifles.

U.M.C. Pr. No. 1



Price per 1,000, $30.00. Powder 50 grains.
Case contains 2,000. Lead 257 "
Primed shells per 1,000 ..... $14.00
Bullets per 1,000 ..... 9.00
For Wesson and other rifles.

U.M.C. Pr. No. 1.

Price per 1,000, $30.00. Powder 50 grains.
Case contains 2,000. Lead 265 "
Primed shells per 1,000 ..... $14.00
Bullets per 1,000 ..... 9.00
For Ballard and Whitney rifles.

U. M. C. Primer No. 1.

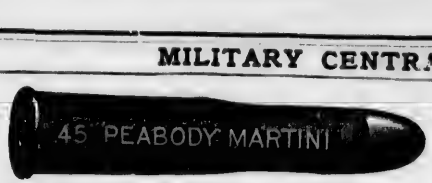
Price per 1,000, $19.00. Powder 40 grains.
Case contains 2,000. Lead 200 "
Primed shells per 1,000 ..... $10.00
Bullets per 1,000 ..... 6.00
For Colt's Lightning Repeating rifles.

U. M. C Primer No. 1.

Price per 1,000, $19.00. Powder 40 grains.
Case contains 2,000. Lead 200 "
Primed shells per 1,000 ..... $10.00
Bullets per 1,000 ..... 6.00
For Winchester rifle, model '73.

MILITARY CENTRAL FIRE CARTRIDGES.

Berdan Primer No. 1.



Price per 1,000.....$42 00 Powder 81 grains.
Case contains 1,000..... Lead 480 "
Primed shells per 1,000..... 19.00 Patched bullets per 1,000 $16.00
For Peabody Martini Turkish model Military rifles.

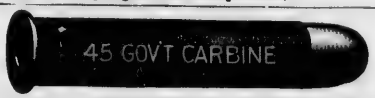
Berdan Primer No. 1.

Price per 1,000.....$35.00 Powder 70 grains.
Case contains 1,000..... Lead 405 "
Primed shells per 1,000, $22.00.
Grooved Bullets per 1,000.....$12.00 Patched do. per 1,000 $15.00
For U. S. Springfield and Sharp's rifles.

U.M.C. Primer No. 2 1-2.

Price per 1,000.....$38.00 Powder 70 grains.
Case contains 1,000..... Lead 500 "
Primed shells per 1,000..... 22.00 Grooved bullets per 1,000 $15.00
For U. S. Springfield and Sharp's rifles,

Berdan Primer No. 1.



Price per 1,000.....$35.00 Powder 55 grains.
Case contains 1,000..... Lead 405 "
Primed shells per 1,000, $22.00.
Grooved bullets per 1,000,...$12.00 Patched bullets per 1,000, $15.00
For U. S. Springfield

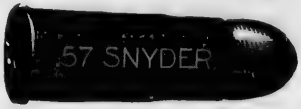
Berdan Primer No. 1.

Price per 1,000.....$37.00 Powder 70 grains.
Case contains 1,000..... Lead 450 "
Primed shells per 1,000, $22.50.
Grooved bullets per 1,000.....$12.00 Patched bullets per 1,000 $15.00
For U. S. Springfield, Remington and Sharp's and other rifles.

Berdan Primer No. 1

Price per 1,000.....$30.00. Powder 50 grains.
Case contains 1,000..... Lead 400 "
Primed shells per 1,000..... 15.50 Grooved bullets per 1,000 $10.50
For Peabody Martini, Remington and Whitney rifles.

Berdan Primer No. 1.

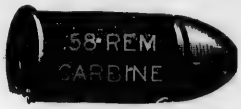


Price per 1,000.....$36.00 Powder 80 grains.
Case contains 1,000..... Lead 480 "
Primed shells per 1,000..... $17.00 Grooved bullets per 1,000 $14.00
For English Government Military rifle.

Berdan Primer No. 1.

Price per 1,000.....$44.00 Powder 80 grains.
Case contains 1,000..... Lead 530 grains.
Primed shells per 1,000..... 24.00 Grooved bullets per 1,000 $15.00
For Needham, Remington and Peabody Transformed, Springfield and Enfield rifles.

Berdan Primer No. 1.



Price per 1,000..... .....$37.00 Powder 40 grains.
Case contains 1,000..... .. Lead 530 "
Primed shells per 1,000..... 18.00 Grooved bullets per 1,000 $15.00
For Transformed carbines.

Blank Cartridges Same List as Ball Cartridges, but Different Discount.

Bullet Breech Caps.

Price per 1,000, $4.00. Case contains 10.000
For Flobert and other rifles.

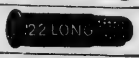
Price per 1,000, $4.50. Case contains 10,000.
For Flobert and 22 calibre rifles.

BLANK CARTRIDGES.

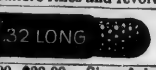
Price per 1,000, $5.00. Case contains 10,000.
For revolvers and pistols this calibre,

Price per 1,000, $10.00. Case contains 5,000.
For revolvers and pistols this calibre.

Shot Cartridges.



Price per 1,000, $11.00. Size of shot, Dust.
Case contains 10,000.
For 22 calibre rifles and revolvers.

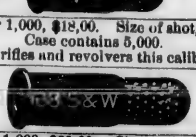


Price per 1,000, $22.00. Size of shot, No. 10
Case contains 5,000.
For 32 calibre rifles and revolvers.

U.M.C Primer No.0.

Price per 1,000, $18,00. Size of shot, No. 10.
Case contains 5,000.
For rifles and revolvers this calibre.

U.M.C. Primer No. 0.



Price per 1,000, $20.00. Size of shot, No. 10.
Case contains 2,000.
For rifles and revolvers this calibre.

Lefaucheux Cartridges.

Price per 1,000, $15.00. Powder 5 grains.
Case contains 2,000. Lead 57 "
For French and German revolvers.

Price per 1,000, $19.00. Powder 6 grains.
Case contains 2,000. Lead 120 "
For French and German revolvers.

Price per 1,000, $23.00. Powder 8 grains.
Case contains, 2,000. Lead 200 "
For French and German revolvers.

U.M.C.
TRADE MARK

Rim Fire Pistol and Rifle Cartridges.

	Per M.	Contents of Case.	Gross Weight of Case.	Net Weight of Case.	Quantity Powder.	Weight of Bullet.	Primed Shells.
		M.	Lbs.	Lbs.	Grains	Grains	Per M.
22 Short, 50 in box	$5 00	10	65	58	4	29	$2 00
22 " 100 "	5 00	10	64	57	4	29	2 00
22 Long 50 "	6 00	10	72	65	5	29	2 50
22 " 100 "	6 00	10	72	65	5	29	2 50
22 " Rifle, 50 in box	6 00	10	88	80	5	29	2 50
22 " Rifle, 100 " "	6 00	10	88	80	5	40	2 50
22 Extra Long	9 00	10	95	90	6	40	3 00
25	8 50	5	47	41	5	43	3 00
30 Short	9 00	5	65	59	6	58	3 00
30 Long	10 50	5	85	77	8	75	3 60
32 Extra Short	10 00	5	66	59	5½	60	3 00
32 Short	10 00	5	84	77	9	80	3 60
32 Long	11 50	5	97	91	13	90	4 00
32 Extra Long	16 50	2	45	41	18	90	6 50
38 Short	16 00	3	82	75	15	125	5 00
38 Long	18 00	3	95	89	18	150	6 00
38 Extra Long	25 00	2	78	70	31	150	9 50
41 Short	15 00	3	78	72	10	153	4 50
41 Long	17 50	3	98	92	15	163	5 50
42 Cal. No. 64, Forehand & Wardsworth Rifle	30 00	2	91	82	20	220	7 50
44 Short	23 00	2	80	75	15	200	6 00
44 Long	25 00	2	91	85	28	218	7 50
44 Henry, Flat	24 00	2	87	79	26	200	7 50
44 " Pointed	25 00	2	85	80	26	200	7 50
44 C. & W.	25 00	2	87	81	26	200	7 50
44 Howard, Long	27 00	1	51	43	33	218	9 00
44 Extra Long	36 00	1	57	48	46	218	11 00
46 Pistol Shot	25 00	2	94	87	20	227	7 50
46 Rifle, Long	38 00	2	125	115	35	305	8 50
46 Extra Long	46 00	1	72	63	51	305	11 00
56–46 Spencer Sporting	40 00	1	71	68	45	320	12 00
56–50 " Carbine	40 00	1	72	69	45	350	12 00
56–52 " Rifle	40 00	1	79	76	45	400	12 00
56–56 " Carbine	40 00	1	76	72	49	362	12 00

Blank Cartridge list same as Ball Cartridges, except 22 and 32.

When ordering 22 Calibre Cartridges, state if wanted 50 or 100 in a box.

Military Rim Fire Cartridges.

	Per M.	Contents of case	Gross weight of case	Net weight of case	Quantity of powder	Weight of bullets.
		M.			Grains	Grains
41 Swiss	$30 00	1	78	67	58	300
45 Peabody	30 00	1	83	74	50	320
45 Danish	30 00	1	85	76	50	380
50 Pistol	20 00	1	66	58	20	300
50-60 grs. Peabody	30 00	1	89	82	60	400
50-70 grs.	30 00	1	100	91	70	450
52-70 grs. Sharps	30 00	1	—	—	70	400
52 Carbine	30 00	1	—	—	70	400
58 Springfield	30 00	1	109	100	60	500
58 Miller	30 00	1	—	—	—	—
58 Carbine	30 00	1	—	—	60	500
58 Gatling	32 00	1	122	112	70	575
58 Joslyn	30 00	1	81	70	44	380

Blank Cartridges same list as ball cartridges.

Bullet Breech (B. B.) Caps.

	Per M.	Contents of Case.	Gross Weight of Case.	Net Weight of Case.
		M.	Lbs.	Lbs.
In quarter boxes	$4 00	10	38	35
In tenth boxes	4 00	10	38	35
CONICAL BULLET CAPS.				
In quarters, swaged bullets	$4 50	10	57	50
In tenths, swaged bullets	4 50	10	57	50

When ordering B. B. or C. B. CAPS, state if wanted 100 or 250 in a box.

Lefaucheux (Pin Fire) Cartridges.

	Per M.	Contents of Case.	Gross Weight of Case.	Net Weight of Case.	Quantity of Powder.	Weight of Bullet.
		M.	Lbs.	Lbs.	Grains	Grains
7 mm	15 00	2	31	25	5	57
9 mm	19 00	2	54	48	6	120
12 mm	23 00	2	86	75	8	200

Blank Cartridges list same as Ball Cartridges.

Shot (Rim Fire) Cartridges.

	Per M.	Contents of Case.	Size of Shot.
		M.	No.
22 cal., Rim Fire, Long	$11 00	10	Dust
32 " " " "	22 00	5	10
38 " " " Short	30 00	3	
38 " " " Long	32 00	3	
56–52 cal., Rim Fire	50 00	1	

Shot (Central Fire) Cartridges.

	Per M.	Contents of Case.	Size of Shot.
		M.	No.
32 cal., S. and W.	$18 00	5	10
38 " " "	20 00	2	10
32 " Winchester	21 00	2	..
38 " X. L. Shot Gun	18 00	2	..
38 " Winchester	25 00	2	..
44 " "	25 00	2	..
44 " Evans N. M.	30 00	2	..
44 " M. and H.	24 00	2	..
44 " S. and W. Russian	24 00	2	..
45 " Colt's Army	30 00	2	..

U.M.C.
TRADE MARK.

CENTRAL FIRE PISTOL AND RIFLE CARTRIDGES.

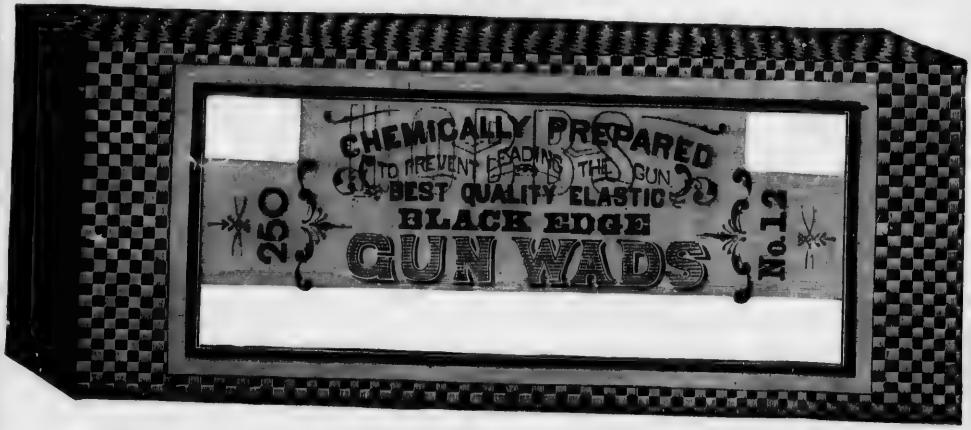
Primer Used.	For "Primer Used," see list of primers.	Per M.	Quantity of Powder.	Weight of Bullet.	Contents of Case.	Gross Weight of Case.	Net Weight of Case.	Fired Shells.	Bullets.
			Grains	Grains.	M.	Lbs.	Lbs.	Per M.	Per M.
I	22 Extra Long	$13 00	9	45	5			$ 9 00	$2 50
D	32 Short, Colt's	11 00	9	80	5	88	86	6 00	3 00
D	32 Long	12 00	13	90	5	100	93	6 50	3 00
D	32 Smith & Wesson	11 00	10	88	5	99	90	6 00	3 00
D	32 Harrington & Richardson	14 00	15	88	5	110	101	7 50	4 50
E	32 Colt's Lightning Rifle	16 00	20	116	2	59	58	9 00	4 00
E	32 Winchester	16 00	20	116	2	59	58	9 00	4 00
F	32-30 Remington	25 00	30	125	1	42	31	11 00	7 00
F	32-40 " Grooved	27 00	40	150	1	...	...	15 00	7 25
F	32-40 " Patched	27 00	40	155	1	...	...	15 00	9 50
F	32 Extra Long, Ballard	18 00	18	105	3	81	73	8 00	3 50
F	32 " " Smith & Wesson Rifle	20 00	17	98	3	85	80	10 00	5 00
E	32-44 S. & W. Gallery, Round Ball	18 00	6	50	1	48	44	10 00	4 00
E	32-44 S. & W., Target	19 00	11	88	3	...	...	10 00	5 00
D	38 Smith & Wesson	13 50	15	146	2	65	59	7 50	4 50
D	38 Merwin Hulbert & Co	13 50	15	142	2	63	58	8 00	4 50
D	38 Short	13 50	15	125	4	111	104	7 00	4 00
D	38 Long, for Colt's D. A. and other Pistols	14 50	18	150	3	98	91	7 50	4 50
R	38 Colt's Lightning Rifle	19 00	40	160	2	95	84	10 00	5 00
E	38 Winchester	19 00	40	160	2	95	84	10 00	5 00
E	38 Extra Long	23 00	31	146	2	81	79	11 00	5 00
D	41 Short, Colt's Single Action	15 00	15	163	2	67	62	7 50	4 00
D	41 " " Double "	15 00	15	163	2	68	62	7 50	4 00
D	41 Long " " "	17 50	22	196	2	83	77	8 00	6 00
D	44 Smith & Wesson No. 3. American	19 00	23	218	2	92	85	8 50	6 00
G	44 " " 3, Russian	20 00	26	256	2	107	100	9 50	6 50
G	44 S. & W. Gallery, Round Ball	22 00	7	120	2	...	...	9 50	6 00
E	44 Merwin, Hulbert & Co	20 00	28	222	2	98	88	10 00	6 50
G	44 Colt's	20 00	23	210	2	95	86	10 00	6 00
E	44 Long, Ballard	22 00	35	227	2	99	98	9 50	6 00
E	44 Extra Long, Wesson	30 00	50	257	2	122	110	14 00	9 00
E	44 " " Ballard	30 00	50	265	2	125	114	14 00	9 00
E	44 Colt's Lightning Rifle	19 00	40	200	2	106	98	10 00	6 00
E	44 Winchester	19 00	40	200	2	106	98	10 00	6 00
H	44 Evan's New Model	26 00	43	276	2	126	114	11 00	8 00
E	44 " Old "	22 00	33	220	2	95	87	9 50	6 50
E	44 Webley	16 50	19	200	2	83	77	8 00	6 00
E	44 Bull Dog	14 50	15	170	2	70	64	7 50	5 00
E	45 Webley	20 00	20	230	2	97	90	9 50	6 00
E	45 Smith & Wesson	25 00	30	250	2	110	103	10 50	7 00
G	45 Colt's U. S. A.	22 00	40	250	2	117	108	10 50	7 00
A	50 Pistol	28 00	20	300	1	71	62	13 00	8 00

Blank Cartridges same List as Ball Cartridges.

Central-Fire Metallic Cartridges for Target and Sporting Rifles.

Primer Used.	Caliber.	For primer used, see list of primers.	Per M.	Length of Shell.	Quantity of Powder.	Weight of Bullet.	Description of Bullet.	Contents of Case.	Gross Weight of Case.	Net Weight of Case.	Shells.	Bullets.
				Inches.	Grains	Grains.		M.	Lbs.	Lbs.	Per M.	Per M.
F	32-40	Marlin and Ballard	$27 00	2 4/10	40	165	Grooved	1	56	49	$15 00	$7 25
F	32-40	Ballard	27 00	2 4/10	40	185	Patched	1	..	..	15 00	9 75
F	32-40	Bullard Rifle	31 50	1 11/16	40	150	Grooved	..	58	51	20 00	7 25
F	38-45	" "	31 50	1 11/16	45	190	"	1	67	56	20 00	8 00
F	38-55	Marlin and Ballard	33 00	2 4/10	55	255	"	1	74	63	18 00	9 50
F	38-55	Ballard, straight shell	33 00	2 4/10	55	255	Patched	1	74	63	18 00	11 00
F	38-36	Rem. Hepburn No. 3. Rifle	31 50	1 3/4	36	245	Grooved	1	69	61	20 00	9 30
F	38-36	" " " Patched	31 50	1 3/4	36	255	Patched	1	69	61	20 00	11 00
F	38-50	Remington Hepburn Patched	35 00	2 1/4	50	255	"	..	..	..	21 00	11 00
F	38-50	" "	35 00	2 1/4	50	245	Grooved	..	..	..	21 00	9 00
H	38-90	Winchester Express	50 00	3 1/4	90	217	"	..	..	..	26 00	9 50
A	40-50	Sharp and Remington, straight	35 00	1 7/8	50	265	Patched	1	74	64	20 00	11 00
A	40-65	" " "	40 00	2 1/4	65	330	"	1	93	84	22 00	11 50
A	40-70	" " "	40 00	2 1/4	70	330	"	1	98	83	22 00	11 50
A	40-50	" only, necked	35 00	1 11/16	50	265	"	1	72	65	20 00	11 00
A	40-70	" " "	40 00	2 1/4	70	330	"	1	98	88	21 00	11 50

ELEY BROS.' GUN WADS



GUN WADS

BLACK EDGE

IN BOXES OF 250.

No. 4	per 1000, $
No. 6	per 1000,
No. 7 and 8	per 1000,
No. 9 and 10	per 1000,
No. 11 to 20	per 1000,

PINK EDGE

IN BOXES OF 250.

No. 4	per 1000, $
No. 6	per 1000,
No. 7 and 8	per 1000,
No. 9 and 10	per 1000,
No. 11 to 20	per 1000,

CARDBOARD

IN BOXES OF 1000.

No. 7 and 8	per 1000, $
No. 9 and 10	per 1000,
No. 11 to 20	per 1000,

WHITE FELT, 3/16 INCH THICK.

THESE ARE TO BE USED OVER POWDER ONLY, AND ARE PACKED IN HALF-POUND BAGS.

No. 4	per pound, $
No. 7 and 8	per pound,
No. 9 and 10	per pound,
No. 11 to 20	per pound,

Please order B. E., P. E. and C. B. Wads by the thousands, and White Felt Wads by pounds.

U.M.C.

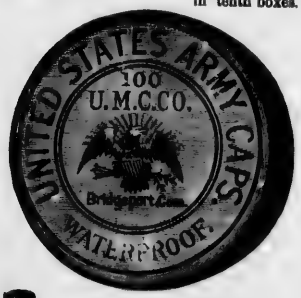
TRADE MARK.

PERCUSSION CAPS.

U. M. C. Ground Edge.

F. C. Trimmed Edge.

Trade F.C. Mark.	Per M.	Contents of case.	Gross Weight of case.	Net Weight of case.
		M.	Lbs.	Lbs.
F. C. Trimmed edge Percussion Caps, in tenth tin boxes		100	67	55
F. C. Trimmed edge Percussion Caps, **Central Fire,** in tenth tin boxes		100	67	55
Trade U.M.C. Mark				
U. M. C. ground edge Foil-Lined Waterproof, in quarter tin boxes		100	90	76
U. M. C. Ground edge Foil-Lined Waterproof, in tenth tin boxes		100	100	84
U. M. C. Ground edge, Foil-Lined Waterproof, **Central Fire,** in quarter tin boxes		100	78	67
U. M. C, Ground edge, Foil-Lined Waterproof, **Central Fire,** in tenth tin boxes		100	98	83
When ordering, state if Ground Edge or Trimmed Edge is desired.				
U. M. C. DOUBLE WATERPROOF.				
In quarter boxes		100	110	98
In tenth boxes		100	119	104
COLT'S PISTOL CAPS.				
Central Fire, Extra heavy, in quarter boxes		100	67	
" " " in tenth boxes		100	70	56



U. M. C. MUSKET CAPS.				
In quarter boxes, tin		100	122	80
In tenth boxes		100	127	102

Caps are packed in cases of 100 M, the numbers corresponding with the English.

Small. Nos. 9, 10, 11. **Large.** Nos. 18, 12, 13, 14.

U. M. C. PRIMERS.

PRIMERS.	Per M.	Weight of case.
		Lbs.
A. Berdan Primer, No. 1, for Sporting and Military Cartridges	PRICES ON APPLICATION.	83
A. Berdan Primer, No. 1½, for Metallic Shot Shells		80
B. Berdan Primer, No. 2		52
C. U. M. C Primer, No. O. O		50
D. U. M. C. Primer, No. O		57
E. U. M. C. Primer, No. 1		66
F. U. M. C, Primer, No. 1½, Brass		66
G. U. M. C. Primer, No. 2, Copper, for Shot Shells		87
H. U. M. C. Primer, No 2½, Brass, for Sporting and Military Cartridges		89

The U. M. C., Nos. 2 and 2½, will interchange with same size of other makers.

Exact size of U. M. C. Primer No. 2.

Enlarged view, showing Improved Anvil

GUARANTEED SURE FIRE.

Breech Loading (B. L.) Shell Caps		67
Orcutt Primers		84
Allen Primers		

All Primers are Packed 100 M in a case.

ELEY BROS.' PERCUSSION CAPS.

E. B.

Packed 100 in a box, 10 boxes or 1000 in package.

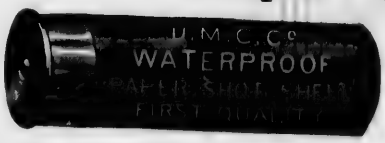
SMALL.	LARGE.
No. 9, 10, 11.	No. 12, 13, 14, 18.

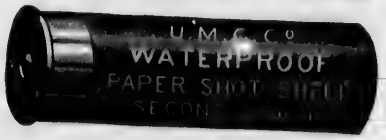
Price per thousand or 10 boxes - - $

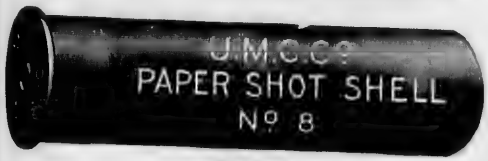
Eley's Primer's per 1000 - - - - $

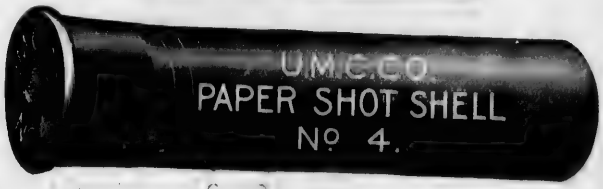
U.M.C.
TRADE MARK.

Paper Shot Shells.









FIRST GRADE.

U. M. C. No. 2 PRIMER.

	Per M.
Paper Shells, No. 20, gauge 2½ inches	$10 00
" " 16, " 2 9/16 "	10 00
" " 14, " 2 9/16 "	10 00
" " 12, " 2¾ "	11 00
" " 12, " to 3½ "	12 00
" " 10, " 2¾ and 2⅞ inches	12 00
" " 10, " to 3½ inches	13 00
" " 8, " 3½ "	25 00
" " 8, " 4 "	28 00
" " 4, " 4 " Steel reinforced	45 00

"STAR" BRAND.

	Per M
Star Paper Shells, 10, 2¾, U. M. C. No. 2 Primer	$12 00
" " " 10, 2¾ " " "	12 00
" " " 12, 2¾ " " "	11 00

"CLUB" QUALITY.

	Per M
Club Paper Shells, 10, 2¾ U. M. C. No. 2 Primer	$9 00
" " " 10, 2¾ " " "	9 00
" " " 12, 2¾ " " "	8 00
" " " 14, 2 9/16 " " "	7 50
" " " 13, 2 9/16 " " "	7 50
" " " 20, 2½ " " "	7 50

ELY BROS.' LONDON

PAPER SHOT SHELLS

	Per M.
No. 1 ½, gauge ⅞ inches	$
" 1½, " ⅞ "	

YACHT GUN.

	Per M
Yacht Cannon, Paper Shells, 3½ x 1½	$120 00
" " 3½ x 1½, loaded	220 00
" " 5 x 1½	150 00
" " 5 x 1½, loaded	250 00

U.M.C.

TRADE MARK

Brass Shot Shells.

BEST QUALITY.
Using U. M. C. No. 2 Primer.

	Each.
No. 20, length $2\frac{2}{16}$ inches	$0 10
" 16, " $2\frac{1}{4}$ "	10
" 14, " $2\frac{3}{8}$ "	10
" 12, " $2\frac{1}{4}$ and $2\frac{3}{8}$ inches	10
" 12, " $2\frac{3}{4}$ to $3\frac{1}{4}$ "	10½
" 10, " $2\frac{3}{8}$ inches	10
" 10, " $2\frac{3}{4}$ to $3\frac{1}{4}$ inches	10½
" 8, to 3 inches	18
" 8, length $3\frac{1}{4}$ to $3\frac{1}{2}$ inches	20
" 4, " 4 inches	28

STURTEVANT.
Using Breech-Loading Shell Cap.

	Each
No. 20, length $2\frac{2}{16}$ inches	$0 10
" 16, " $2\frac{1}{4}$ "	10
" 14, " $2\frac{3}{8}$ "	10
" 12, " $2\frac{1}{4}$ and $2\frac{3}{8}$ inches	10
" 12, " $2\frac{3}{4}$ to $3\frac{1}{4}$ "	10½
" 10, " $2\frac{3}{8}$ inches	10
" 10, " $2\frac{3}{4}$ to $3\frac{1}{4}$ inches	10½
" 8, to 3 inches	18
" 8, length $3\frac{1}{4}$ to $3\frac{1}{2}$ inches	20

CLUB.
Using U. M. C. No. 2 Primer.

	Each.
No. 12, length $2\frac{1}{4}$ inches	$0 08
" 12, " $2\frac{3}{4}$ "	08
" 12, " $3\frac{1}{4}$ "	08
" 10, " $2\frac{3}{8}$ "	08
" 10, " $2\frac{3}{4}$ "	08
" 10, " $3\frac{1}{4}$ "	08

Brass shells are packed 25 in a box 1,000 in a case.

Brass shells with Kenny's patent indentation to prevent the wads starting, each 1 cent extra, net.

Nickel plating each 2 1-2 cents extra, net.

LOADED PAPER SHOT SHELLS

LOADED WITH EXTRA QUALITY "DUCKING" POWDER, CARDGUARD, AND TWO EXTRA FINE FELT WADS.

FOR TRAP AND FIELD SHOOTING.

No. 1	12 Gauge, loaded with 3¼ drams of Powder and 1 ounce of No. 8 Shot, for Quail, Woodcock, Snipe, Partridge, etc.	per 100, $
No. 2	10 Gauge, loaded with 4 drams of Powder and 1⅛ ounces of No. 8 Shot, for Quail, Woodcock, Snipe, Partridge, etc.	per 100,
No. 3	12 Gauge, loaded with 3¾ drams of Powder and 1⅛ ounces No. 5 Shot, for Mallard, Pintail and other Duck Shooting	per 100,
No. 4	10 Gauge, loaded with 4½ drams of Powder and 1¼ ounces No. 5 Shot, for Mallard, Pintail and other Duck Shooting	per 100,

GUN IMPLEMENTS

GUN CLEANING RODS AND IMPLEMENTS.

PATENT CUT TELESCOPE SCREW THREE JOINTED.

INCLUDING SWAB, SCRATCH BRUSH, WIPER AND WORMER.

No. 20	Cherry, Brass Trimmings and Implements	per dozen, $

Half-dozen in a box.

CLEANERS

ADJUSTABLE TO CLEANING RODS, FIELD AND BREECH CLEANERS.

GX No. 1.

GX No. 2.

GX No. 3.

GX No. 4.

GX No. 1	Wool Yarn Swabs, Brass Shank	per dozen, $
GX No. 2	Wire Scratch Brush, Brass Shank	per dozen,
GX No. 3	Wormer Polished Steel	per dozen,
GX No. 4	Flannel Wiper, Single Slot, Brass Shank	per dozen,

Three dozen in a box.

GUN IMPLEMENT SETS

LOADING SETS 10 AND 12 GAUGE.

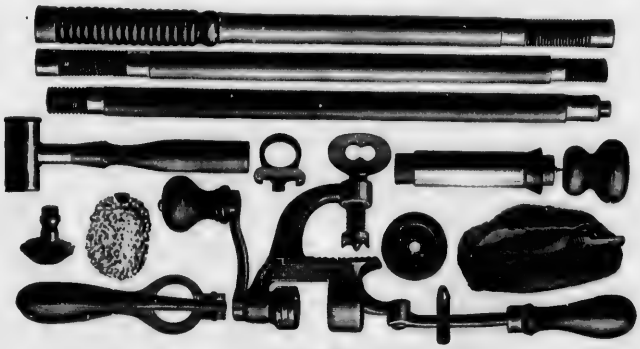
PACKED NEATLY IN STRONG PAPER BOXES.

Set SX No. 3.

SX No. **2**	For Brass Shells, containing Loader, Recapper, Extractor and Measure -	per dozen sets, $
SX No. **3**	For Brass and Paper Shells, containing Loader, Bench Closer, Recapper, Extractor and Measure - - - - - - - - -	per dozen sets,
SX No. **5**	For Brass and Paper Shells, containing Loader, Bench Closer, Recapper, Extractor, Measure, and Union Loading Block No. 02 - - - -	per dozen sets,

LOADING AND CLEANING SETS

10 AND 12 GAUGE.



Set SX No. 1.

SX No. **4**	For Brass Shells containing Loader, Recapper, Extractor, Measure, and Rod with Swab, Scratch Brush and Wiper - - - - -	per dozen sets, $
SX No. **1**	For Brass and Paper Shells, containing Loader, Bench Closer, Recapper, Extractor, Measure, and Rod with Swab Scratch Brush and Wiper - -	per dozen sets,
SX No. **6**	For Brass and Paper Shells, containing Loader, Bench Closer, Recapper, Extractor, Measure, and Rod with Scratch Brush, and Wiper and Union Loading Block No. 01 - - - - - - - -	per dozen sets,

POWDER AND SHOT MEASURES

No 1 Cherry Rammer Handle, Brass Cup, Polished and Nickel Plated, 2½ to 5 dr., 1 to 2¼ oz., per dozen, $

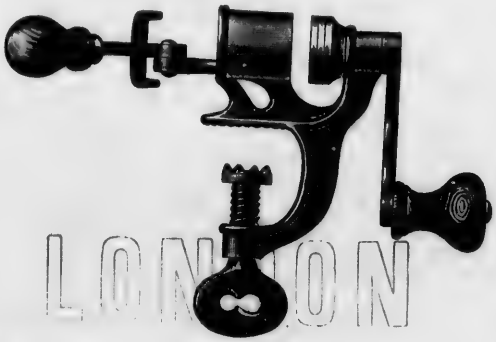
One dozen in a box.

LOADERS

EAGLE LOADER No. 6.

AX No. 6 Hardwood, Polished, Nickel Spun Tube and Fine Steel Expelling Pin, 10 and 12 Gauge, per dozen, $

BENCH CLOSERS



No. 1 Malleable Iron, Red Japanned, Hardwood Trimmings, 10 and 12 Gauge - - per dozen, $

RECAPPERS

No. 1, Japanned.

No. 1	Iron, Japanned, 12 and 10 Gauge - - - - - - - -	per dozen, $

SHELL EXTRACTORS

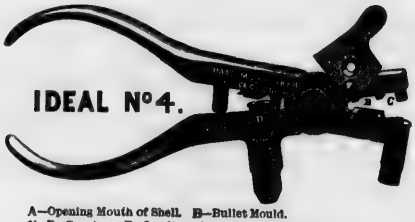
DX No. 1.

D No. 3.

DX No. **1**	Folding Pocket, Brass, Nickel Plated, 12 and 10 Gauge - - - - -	per dozen, $
D No. **3**	Hook Shell Extractor, Nickeled, 12 and 10 Gauge - - - - - -	per dozen,

IDEAL RELOADING SETS

RELOADING TOOLS FOR WINCHESTER RIFLE.



A—Opening Mouth of Shell. B—Bullet Mould.
C—Re-Capping. D—Loading Chamber. E—Bullet Sizer.

"Ideal" Reloading Sets, Winchester, 38 Calibre - - - - - - - -	per set, $
"Ideal" Reloading Sets, Winchester, 44 Calibre - - - - - - - -	per set,

GUN MATERIAL

GUN NIPPLES.

No. **100**	Square Shoulder, Blue, Taper, assorted sizes	per gross, $

RAMROD HEADS.

No. **0**	Brass Open End Ramrod Head, assorted	per gross, $
No. **1**	Brass Solid End Ramrod Head, assorted	per gross.

WORMERS.

No. **10**	Small Brass Wormers	per gross, $
No. **20**	Large Brass Wormers	per gross,

WAD CUTTERS.

No. **8** or **9**	Gauge, Steel Wad Cutters	per dozen, $
No. **10** to **20**	Gauge, Steel Wad Cutters	per dozen,

BULLET MOULDS.

No. **30**	Assorted Bullet Moulds, No. 32 to 150	per dozen, $
No. **32**	Assorted Bullet Moulds, No. 21 to 30	per dozen,
No. **34**	Assorted Bullet Moulds, No. 17 to 20	per dozen,
No. **36**	Assorted Bullet Moulds, No. 12 to 16	per dozen,

NIPPLE WRENCHES.

No. **40**	Muzzle-Loading Nipple Wrench, Wood Handle	per dozen, $
No. **45**	Muzzle-Loading Nipple Wrench, all Steel, T Handle	per dozen,
No **45**	Breech-Loading Nipple Wrench, Ebonized Handle	per dozen,

SHOT BELTS.

No. **52**	Single Belt, Lever Charger	per dozen, $
No. **252**	Double Belt, Lever Charger	per dozen,

SHOT POUCHES

		PER DOZEN.
No. **2 C**	2½ lb., Lever Charger, Solid Leather, Plain..	$6 75
No. **2 C**	3 lb., " " " " "	7 50
No. **2 C**	4 lb., " " " " "	8 25

		PER DOZEN.
No. **202**	5 lb., Lever Charger, Solid Leather, Pattern	$9 75
No. **3**	3 lb., " " Morocco, Plain	7 87
No. **4**	4 lb., " " " "	9 00

POWDER FLASKS

No. **61 J**	English, 2 oz., Graduated Top, Outside Spring, Cords	per dozen, $ 2 10
No. **14**	" 8 oz., " " " " " assorted patterns	per dozen, 3 37
No. **14**	" 10 oz., " " " " " " "	per dozen, 3 60
No. **58 J**	" 10 oz., " " " " "	per dozen, 3 75
No. **58 J**	" 12 oz., " " " " "	per dozen, 4 65
No. **45 B**	" 8 oz., " " " " "	per dozen, 4 27
No. **45 B**	" 10 oz., " " " " "	per dozen, 5 25
No. **45 B**	" 12 oz., " " " " "	per dozen, 6 37
No. **311**	" 8 oz., " " " " "	per dozen, 5 62
No. **311**	" 10 oz., " " " " "	per dozen, 6 60
No. **124 P**	" 8 oz., Patent Screwoff Graduated Top, Inside Spring, Cords, Copper	per dozen, 12 00
No. **124 P**	" 10 oz., " " " " " " " "	per dozen, 12 90

SHOT

SOFT AND CHILLED

SAMPLE CARD OF SHOT.

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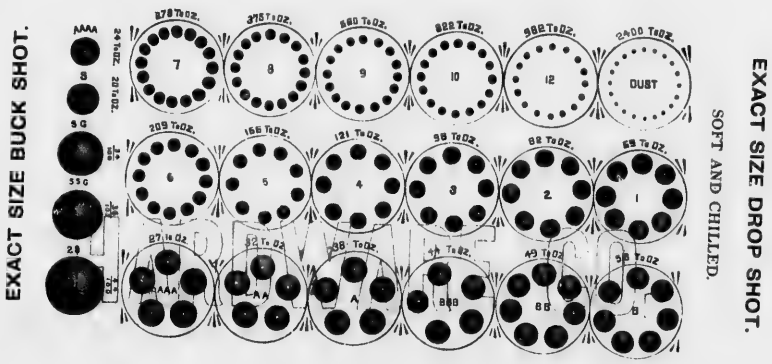


PRICE LIST OF SHOT.

Nos. AAA, to Dust	per lb., 6c.
Buck, S, SG, SSG, AAAA	per lb., 7c.
Ball, No. 28	per lb., 7½c.

"BRISTOL" CHILLED SHOT—Advance ½c. per lb. on above.

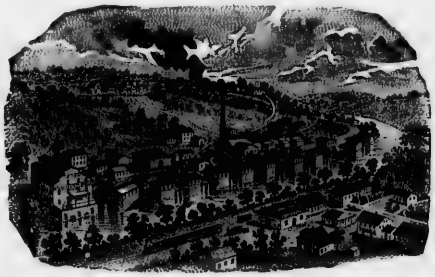
"NEWCASTLE" CHILLED SHOT—Lowest market rates.

A reliable authority recommends the use of the following sizes of Drop Shot as best suited for the game mentioned, and gives preference to the numbers enclosed in brackets. For Ducks—Nos. 4, [5,] [6] or 7. For Geese—Nos. 1, [2] or 3. For Prairie Chickens—Nos. 5, 6, [7] or [8]. For Wild Pigeons, Quail and Plover—Nos. 7, [8] or 9. For Snipe—Nos. 8, 9 or [10]. For Wild Turkeys and Swans—Nos. BB, [B] or 1. For Rabbits—Nos, 6, [7] or [8]. For Squirrels—Nos. 5, [6] or 7.

THE

KING'S

STRONGEST



• • • BEST • • •

POWDER COMPANY

✳ POWDER ✳

HOBBS HARDWARE CO.

SOLE AGENTS FOR CANADA

LONDON, - - ONTARIO.

THE KING'S
POWDER COMPANY POWDER

In all the following sizes, both Blasting and Sporting, the grain is liable to slight variations in process of separation, but the diagrams are sufficiently correct for all practical purposes.

SIZES OF ROYAL RIFLE POWDER.

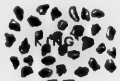
FFFG.

The popular Powder for every-day shooting. equal to many high-priced brands.

FFG.

HARD, CLEAN, STRONG AND RELIABLE.

FG.



CG.

Excelled by no common sporting powder, and

SIZES OF "QUICK SHOT" POWDER.

No. 1.

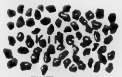
No. 2.

No. 3.

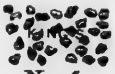
FOR TRAP AND WING SHOOTING.

This Powder, introduced the past season, has already gained a foremost place, both at the trap and for field service.

SIZES OF "FAR KILLING" POWDER.



No. 3.



No. 4

No. 5.

The purest and most expensive materials are used in its composition, and the most scientific and exacting attention given to every detail in its production. It is fitted for the very finest of shooting. This is put up only in pound and half-pound canisters, and quarter and half kegs. Takes place of all high grade English Powders, such as Curtis & Harvey's Piquo, and Wilkes & Lawrence.

SIZES OF MINING AND BLASTING POWDER.

WELL KNOWN AND POPULAR AMONG MINERS AND CONTRACTORS THROUGHOUT THE UNITED STATES AND CANADA.

FFF.

For Mining very Soft or Seamy Coal.

FF.

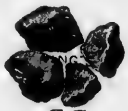
For Mining Soft Coal and Breaking Stone.

F.

For Mining Hard Coal and General Blasting.

C.

For Railroad Excavations, Iron Mining and Quarrying Hard Stone.



CC.

For Granite and Heavy Blasting.

CCC.

For Copper Mining and very Heavy Blasting.

KING'S ROYAL RIFLE.

Kegs,	25 lbs. each FFFG, FFG, FG, CG,	each, $
Half Kegs,	12½ " " " " " "	each,
Quarter Kegs,	6¼ " " " " " "	each,
Cases 1 lb. Canisters, 24 in a case		per can,
Cases, ½ lb. Canisters, 48 in a case		per can,

KING'S QUICK SHOT.

Kegs,	25 lbs. each, Nos. 1, 2, 3	each, $
Half Kegs,	12½ " " Nos. 1, 2, 3	each,
Quarter Kegs,	6¼ " " Nos. 1, 2, 3	each,

KING'S "FAR KILLING" POWDER.

Half Kegs,	12½ lbs. each, Nos. 3, 4, 5	each, $
Quarter Kegs,	6¼ " " Nos. 3, 4, 5	each,
Cases 1 lb. Canisters, 24 in a case		per can,
Cases ½ lb. Canisters, 48 in a case		per can,

CANADIAN

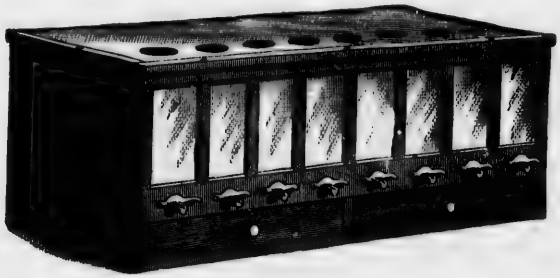
SPORTING AND BLASTING POWDERS.

Blasting, in kegs	$
FF, in kegs and cases	
FFF, in kegs and cases	
Nor'west Rifle, in kegs	
Nor'west Rifle, in cases of four 6¼ lb. metal kegs	
Canada Rifle, Nos. 1 to 7, in kegs	
Canada Rifle, Nos. 1 to 7, cases of 2 doz. 1 lb. canisters	
Ducking, Nos. 3 to 7, cases of four 6¼ lb. metal kegs	
Caribou, Nos. 1 to 7, cases of dozen 1 lb. canisters	

AMERICAN SAFETY FUSE.

Hemp	per 1,000 feet, $
Single Tape	per 1,000 feet,
Double Tape	per 1,000 feet,

DUNSCOMB'S SHOT CASE



This Case is for holding and displaying Shot, and is PERFECT in PREVENTING Shot from getting mixed. There are eight compartments. The compartments have an inclined bottom, with a movable cut off spout to draw the shot from. Manufactured of the best material, and has double-thick glass windows. Contains two drawers for holding Gun Caps, Cartridges, etc. Takes up very little room Size, 2 feet long, 9 inches deep, and 13½ inches high. Strong and durable. Packed in shipping order, one case in a box.

No. **20** Dunscomb's Shot Case - - - - - - - - - each, $

BELTS.

No. **00** Shell Belts, Brown Webbing, with Straps - - - - - - per dozen, $
No. **1** Shell Belts, Leather - - - - - - - - - per dozen,

MACRAME AND HAMMOCK CORDS.

Cream White Macrame, in Hanks, Nos. 9, 12, 16 and 32 - - - - - - per lb., $
Colored Macrame, in ¼ Balls, packed 2 lbs. in Box - - - - - - per lb.,

COTTON SEINES TWINE.

MEDIUM LAID.

No. of Thread,	6	9	12	16	20	24	28	30	36	40	48	60	72
Per pound, $													

PUT UP IN HANKS.

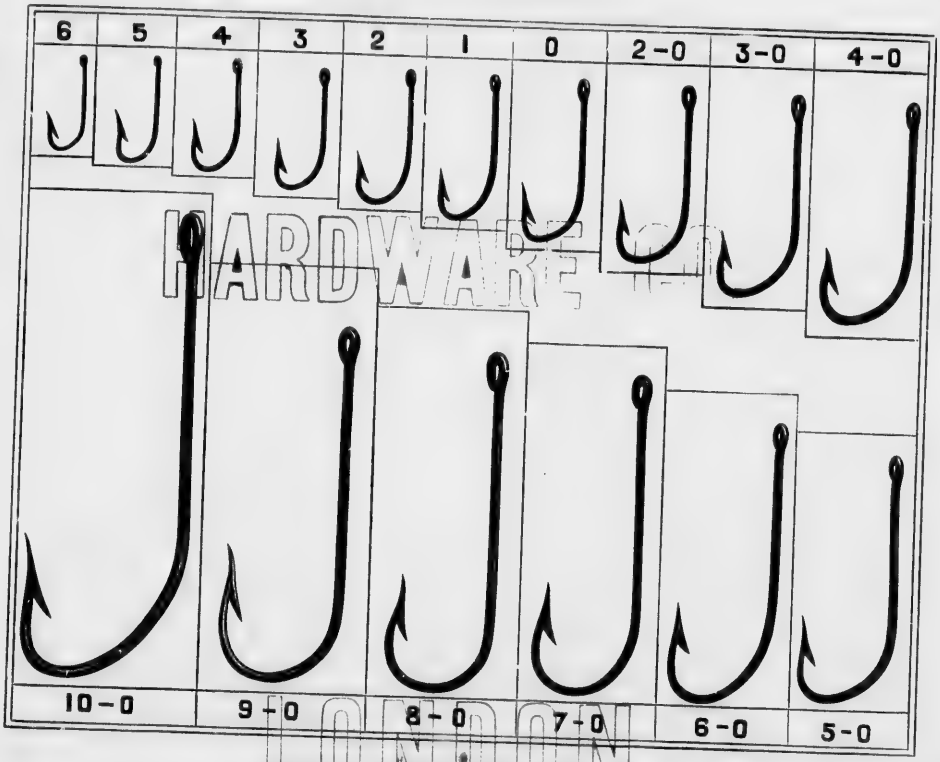
DRAB COTTON FISH LINES

IN FIFTEEN-FEET HANKS.

Nos.	1	2	3	4	5	6	7	9
Per gross,	$1 20	1 30	1 40	1 50	1 65	1 80	2 00	2 20

One dozen Hanks joined in bundle, half gross in Box.

FISH HOOKS



KIRBY LIMERICK FISH HOOKS.

Nos.	6	5	4	3	2	1	0	2-0	3-0	4-0	5-0	6-0	7-0	8-0	9-0	10-10
Per 100, $																

In Boxes of 100 and Packages of 1,000.

HARDWARE LONDON

PALMER'S PATENT HAMMOCKS

PALMER'S PATENT ARROWWANNA HAMMOCK.

Packed in Bales of three or four dozen.

		Per doz.			Per doz.
No. 1	Width 28 in., Length 48 in., Pillow and Spreader	$10 00	No. 1 D	Without Pillow and Spreader	$ 8 00
No. 2	" 34 in., " 68 in., " " "	12 00	No. 2 D	" " " "	9 60
No. 2 C	" 34 in., " 68 in., " " "	15 00	No. 2 CD	" " " "	12 00
No. 3	" 37 in., " 71 in., " " "	18 00	No. 3 D	" " " "	15 00
No. 4	" 40 in., " 74 in., " " "	22 00	No. 4 D	" " " "	18 00
No. 4 A	" 40 in., " 74 in., " " "	25 00	No. 4 AD	" " " "	21 00

Extra Spreaders $1.00 per dozen for Nos. 1, 2 and 3.

PALMER'S PATENT ROYAL HAMMOCK.

Packed in Bales of two or three dozen.

		Per doz.			Per doz.
No. 5 A	Width 40 in., Length 74 in., Pillow and Spreader	$30 00	No. 5 CD	Without Pillow and Spreader	$25 00
No. 5 A	" 41 in., " 75 in., " " "	30 00	No. 5 AD	" " " "	25 00
No. 7, Royal	" 48 in., " 78 in., " " "	33 00	No. 7 D	" " " "	27 00

Extra Spreaders $1.25 per dozen for Nos. 4 and 5.

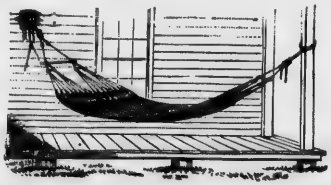
PALMER'S PATENT O SOCIAL HAMMOCK.

Packed in Bales of one or two dozen

		Per doz.			Per doz.
No. 70	With Wood Bar, Width 48 in, Length 78 in., with Pillow and Spreader	$36 00	No. 70 D	Without Pillow and Spreader	$30 00
			No. 8 AD	Without Pillow and Spreader	36 00

No. 8 A With Wood Bar, Width 52 in., Length 78 in., with Pillow and Spreader..per dozen, $42 00.

Extra Spreaders $1.50 per dozen for Nos. 7, 70 and 8.



PALMER'S PATENT OO SOCIAL HAMMOCK.

Packed in Bales of one-half or one dozen.

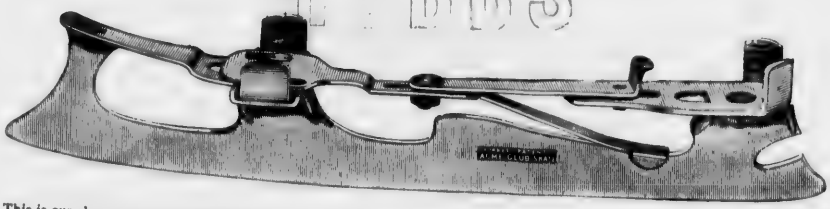
SOCIAL Width 60 in., Length 84 in., with two Pillows and two Spreaders.....per dozen, $48 00

Subject to discount

All Hammocks carried in stock have Patent Pillow Attachment, Pillow and one Spreader. Beware of imitations of this style of Hammocks; with or without pillows they are infringements. Dealers are forbidden to remove the patent label.

"ACME" SKATES

FORBES' PATENT.

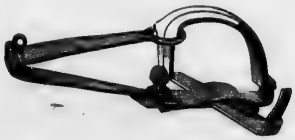


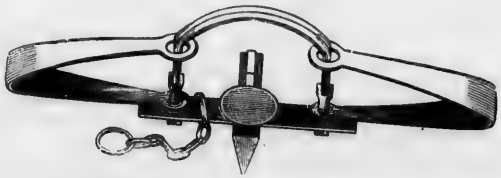
No. **0**	This is our cheapest quality, made of all Steel. Introduced to meet the demand for thoroughly reliable low priced Skate. We have yet to receive a complaint against this Skate	price per pair, **90c.**
No. **3**	Nickel Plated. Same quality as above only Nickel Plated, thus ensuring freedom from rust	price per pair, **$1 50**
No. **5**	Made of the best material, though not hardened. Working parts equal to the best. Superior in point of finish to No. 0	price per pair, **1 80**
No. **7**	Runners Welded Iron and Steel of very highest quality, thoroughly tempered. Every Skate tested before leaving our works. Experts pronounce them the best Skates made	price per pair, **2 90**
No. **10**	Same as No. 7, with tops and runners Nickel Plated, thus improving their appearance	price per pair, **3 90**
No. **12**	Same as No. 7, tops and runners Silver Plated	price per pair, **4 65**
No. **14**	Same as No. 7, tops Gold and runners Silver Plated	price per pair, **5 15**
SKELETON SKATES	—Made with Steel Plates to screw on boot. Runners Welded Iron and Steel, highly tempered, of same quality as No. 7	price per pair, **2 00**

EXTRA PARTS FOR "ACME" SKATES.

No. 0 Wrenches	per dozen, $	Lug Nuts	per dozen, $
Toe Clamps or Lugs	per dozen,	Lug Screws	per dozen,
Heel Buttons	per dozen,	Links, assorted lengths	per dozen,
Link Nuts	per dozen,	Levers, assorted lengths	per dozen,
Link Screws	per dozen,		

THE "NEWHOUSE" STEEL TRAPS





PRICE LIST OF STEEL TRAPS.

WITHOUT CHAINS.

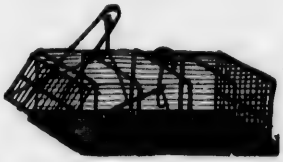
No. **0**	Rat or Gopher	per dozen, $ 2 25
No **1**	Muskrat	per dozen, 3 50
No. **1½**	Mink	per dozen, **6 00**
No. **2**	Fox	per dozen, **9 00**
No. **2½**	Otter, with Teeth	per dozen, **16 00**
No. **3**	Otter	per dozen, **12 00**
No. **4**	Beaver	per dozen, **14 50**
No **4**	Deer, with Teeth	per dozen, **16 50**
No. **5**	Bear, with Chains	per dozen, **140 00**

WITH CHAINS.

No. **0**	Rat or Gopher	per dozen, $ **4 25**
No. **1**	Muskrat	per dozen, **4 65**
No. **1½**	Mink	per dozen, **7 50**
No. **2**	Fox	per dozen, **10 50**
No. **2½**	Otter, with Teeth	per dozen, **18 50**
No. **3**	Otter	per dozen, **13 75**
No. **4**	Beaver	per dozen, **16 50**
No. **4**	Deer, with Teeth	per dozen, **18 50**
No. **6**	Bear	per dozen, **280 00**

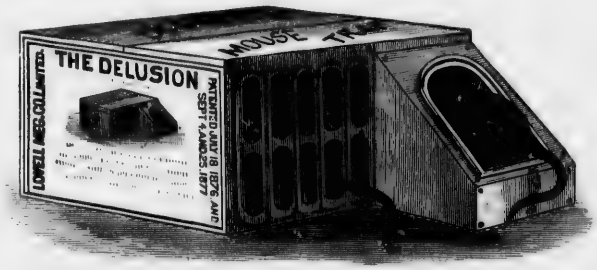
TRAPS

WIRE CAGE RAT OR GOPHER TRAPS.



No. 5	6 x 11 inch, Wire Sides and Ends, Wood Bottom	per dozen, $
No. 6	7 x 13 inch, Wire Sides and Ends, Wood Bottom	per dozen,

THE DELUSION MOUSE TRAP.

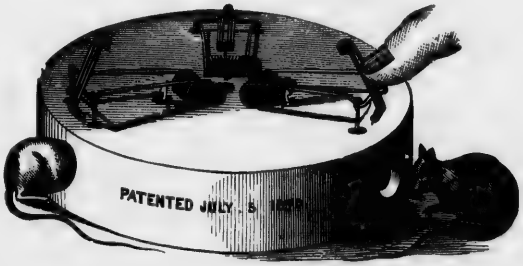


SELF-SETTING, PERFECT IN OPERATION.

The Delusion Mouse Trap	per dozen, $

WOOD MOUSE TRAPS.

PATENT SELF-ADJUSTING TRAPS.



COMMON TRAPS.

	Holes,	1	2	3	4
Patent Self-adjusting Traps	per dozen, $				
Common Round Traps	per dozen,				
Common Square Traps	per dozen,				

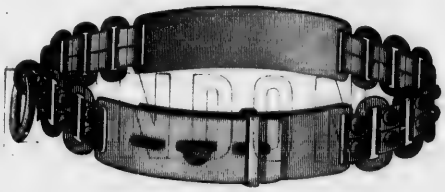
METALLIC MOUSE TRAP

"The Hotchkiss" Metallic Mouse Trap, 5 Holes . . . . . per dozen, $

Nickel Plated Chain Dog Collars.

No. **60** Assorted, 9, 11, 13, 15 inch . . . . . per dozen, $
No. **60** Assorted, 14, 16, 18, 20 inch, Square Links, Nickel and Gilt . . . . . per dozen,

Fancy Metal Dog Collars.

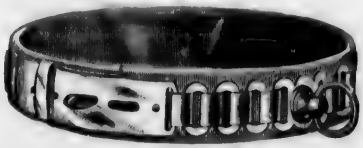


FANCY METAL.

No. **60½** Assorted, 9 to 15 inches, Nickeled . . . . . per dozen, $
No. **67** Assorted, 14 to 20 inches, Nickeled . . . . . per dozen,

NICKEL PLATED CHAIN DOG COLLARS

LINED WITH FANCY LEATHER.



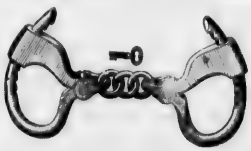
No. **465** Assorted, 14, 16, 18 and 20 inch, Nickeled . . . . . per dozen, $
No. **460** As No. 465, only with Square Link . . . . . per dozen,

FANCY LEATHER DOG COLLARS.

No. **24** Fine Enameled Leather, Raised Edges and Centre, German Silver Trimmings, length 9 to 13 inches . . per dozen, $
No. **25** Enameled Leather, assorted Colors, German Silver Trimmings, length 9 to 13 inches . . . . . per dozen,
No. **40** Fancy Red Leather, with Highly Polished Plates, 9 to 13 inches, ... per dozen,

DOG COUPLES.

Light Chain Couples, with 2 Snaps . . . . . per dozen, $
Heavy Chain Couples, with 2 Snaps . . . . . per dozen,



HAND CUFFS.

Hand Cuffs, Polished . . . . . per pair, $
Hand Cuffs, Nickeled . . . . . per pair,
Leg Irons, Polished . . . . . per pair,

POLICE LANTERNS.

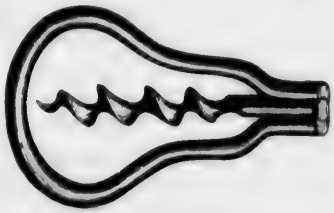
No. **50** Police Lanterns . . . . . per dozen, $

CORK SCREWS

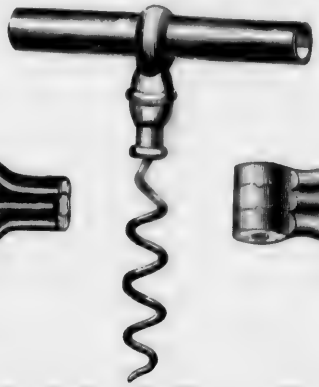
POCKET.

Full Size Cut of No. 840.

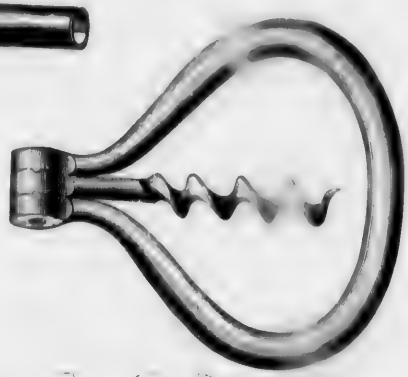
No. **840** (Vial), Nickel Plated . . . per dozen, $1 80



Full Size Cut of No. 4158.



Full Size Cut of No. 252.



Full Size Cut of No. 4159.

No. **4158**	Folding Pocket Cork Screws, Nickel Plated	per dozen, $1 25
No. **4159**	Folding Pocket Cork Screws, Nickel Plated	per dozen, 1 05
No. **252**	Cased Pocket Cork Screws, Nickel Plated	per dozen, 1 00
No. **15352**	Folding Pocket Cork Screws, in Leather Case	per dozen, 3 60

WIRE HANDLES AND SCREW.

Half Size Cut of No. 9900.

PATENT CORK SCREWS.

Half Size Cut of Nos. 9920 and 700.

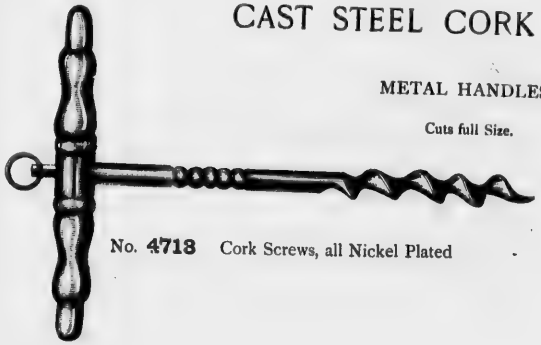
No. **9900**	Cork Screws, Heavy Wire, Polished	per dozen, $0 55
No. **9920**	Patent Cork Screws, Rosewood Handles, Nickel Plated Frame	per dozen, 4 50
No. **700**	Patent Cork Screws, with Spring, Rosewood Handles, Nickel Plated Frame	per dozen, 5 65

SUPERIOR

CAST STEEL CORK SCREWS

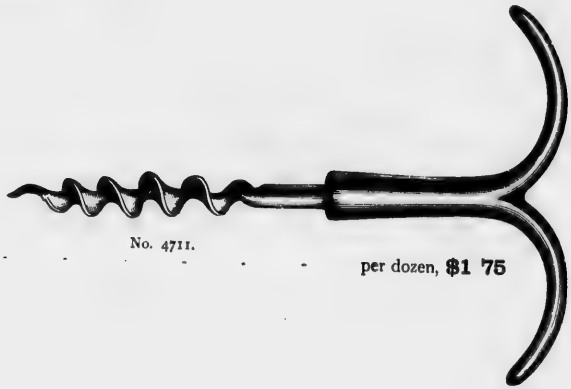
METAL HANDLES.

Cuts full Size.



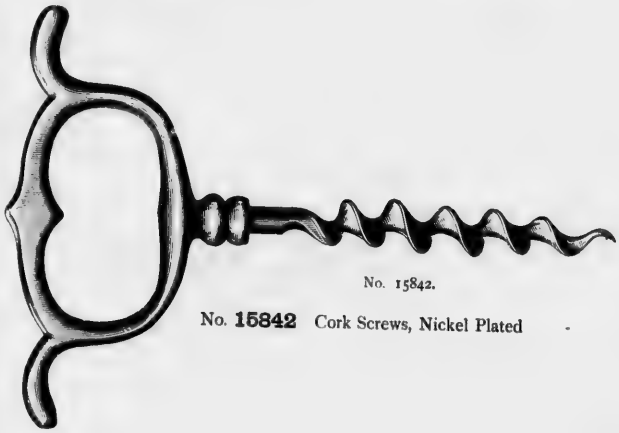
No. 4713.

No. **4713** Cork Screws, all Nickel Plated - - - - - - per dozen, **$1 75**



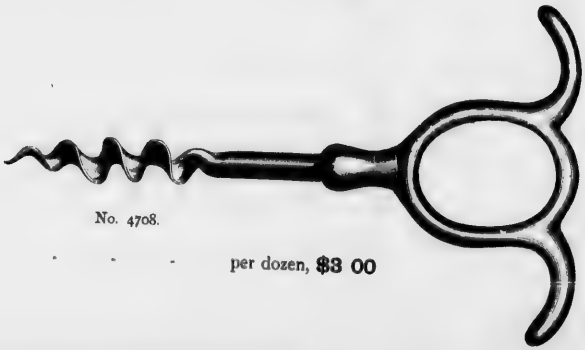
No. 4711.

No. **4711** Cork Screws, Nickel Plated - - - - - - per dozen, **$1 75**



No. 15842.

No. **15842** Cork Screws, Nickel Plated - per dozen, **$2 25**



No. 4708.

No. **4708** Cork Screws, Nickel Plated - - - - - per dozen, **$3 00**

SUPERIOR

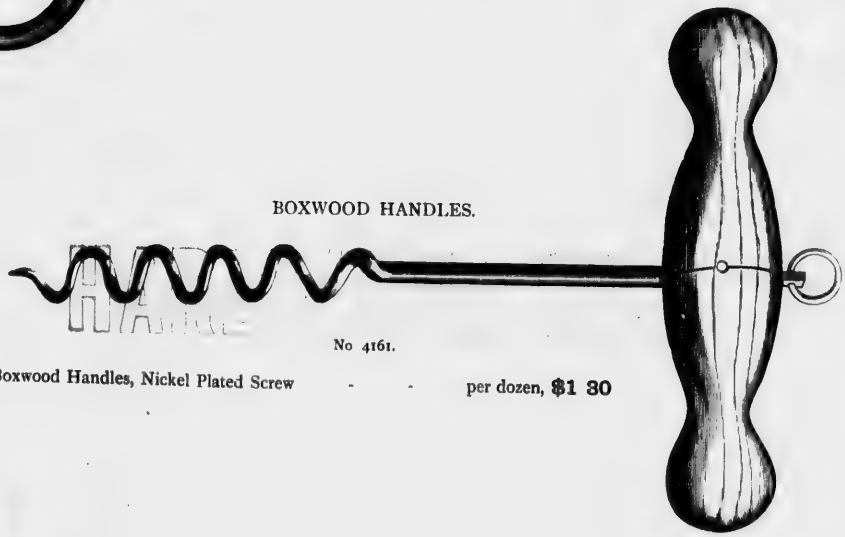
CAST STEEL CORK SCREWS

METAL HANDLES.

No. 9910.

No. **9910** Cork Screws, Nickel Plated - - - per dozen, **$3 75**

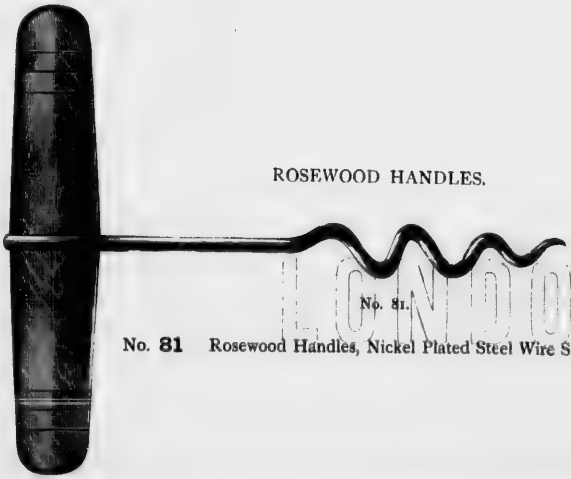
BOXWOOD HANDLES.



No 4161.

No. **4161** Boxwood Handles, Nickel Plated Screw - - per dozen, **$1 30**

ROSEWOOD HANDLES.



No. 81.

No. **81** Rosewood Handles, Nickel Plated Steel Wire Screw - - per dozen, **$1 30**

EXTRA HEAVY

CAST STEEL CORK SCREWS

BAR-KEEPERS.

ROSEWOOD HANDLES.

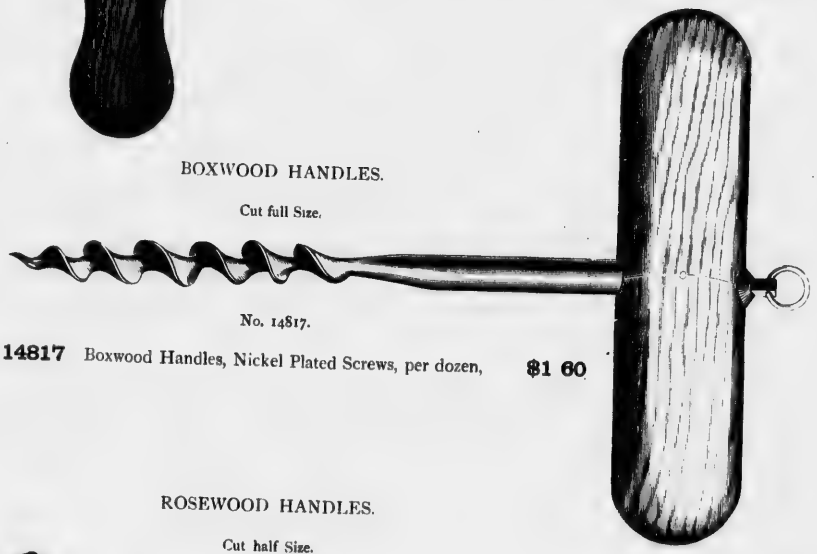
Cut full Size.

No. 4169.

No. **4169** Rosewood Handles, Nickel Plated Screws, per dozen, **$2 50**

BOXWOOD HANDLES.

Cut full Size.

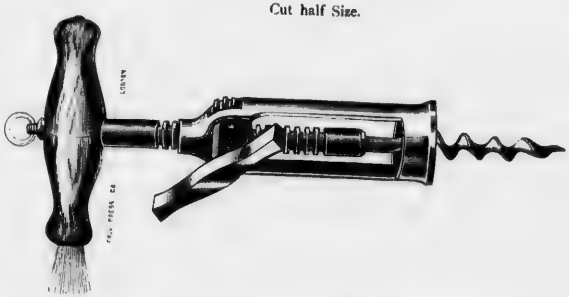


No. 14817.

No. **14817** Boxwood Handles, Nickel Plated Screws, per dozen, **$1 60**

ROSEWOOD HANDLES.

Cut half Size.



No. **1016** Rosewood Handles, Nickle Plated Frame and Screw - - - per dozen, **$9 38**

SPECTACLES

No. 152.

No. **1122**	Blued Steel Frames, assorted Glasses	per dozen, $
No. **152**	Blued Steel Frames, assorted Glasses	per dozen,
No. **436**	Folding Eye Glasses, Steel Frames, assorted	per dozen,

SPECTACLE CASES

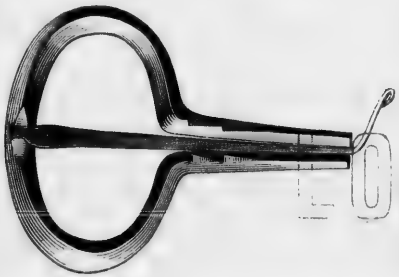
Full Size Cut of No. 1.

No. **1**	Leatherette Spectacle Cases, assorted Colors	per dozen, $
No. **2**	Wood Spectacle Cases, Varnished	per dozen,
No. **7489**	Paper Mache, Black, Imitation Inlaid Tortoise	per dozen,

GOGGLES

GOGGLES.

Goggles—White, Blue or Green Glass		per dozen, $
Goggles—All Wire		per dozen,
One pair each in tin box	extra	per dozen, $0 25 net
One pair each in leather case	extra	per dozen, 1 00 net



No. 7674.

JEW'S HARPS

No. **7670**	Size 0	Iron Jew's Harps	per gross, $
No. **7671**	Size 1	Iron Jew's Harps	per gross,
No. **7672**	Size 2	Iron Jew's Harps	per gross,
No. **7673**	Size 3	Iron Jew's Harps	per gross,
No. **7674**	Size 4	Iron Jew's Harps	per gross,
No. **7673**	Size 3	Brass Jew's Harps	per gross,
No. **7674**	Size 4	Brass Jew's Harps	per gross,

BIRD CAGES

JAPANNED. SOLD BY CASE ONLY.

No. **86**--Diam. 8½ inches. Each, **$1 20.**

No. **15**– Diam. 8 inches. Each, **$1 44.**

No. **10**—Diam. 9 inches. Each, **$1 73.**

No. **67**—7½ x 7½ inches. Each, **$0 80.**

No. **24**—8 x 8 inches. Each, **$0 95.**

No. **17**—7½ x 9¾ inches. Each, **$0 98.**

No. **1**—Diam. 7½ inches. Each, **$0 68.**
No. **2**—Diam. 8 inches. Each, **77.**
No. **3**—Diam. 8½ inches. Each, **88.**

No. **74**—8¾ inches square. Each, **$1 32.**

CASE A.

No. **19** -8 x 10½ inches. Each, **$1 20.**
No. **20**—8½ x 11 inches. Each, **1 35.**

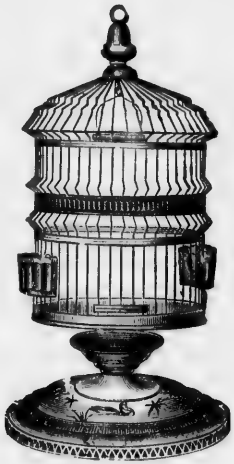
Case **A** One dozen in a case, as above - - - - - - - - per case, **$13 30**

BIRD CAGES

JAPANNED. SOLD BY CASE ONLY

No. **4**—Diameter 9 inches.
Each, **$1 03.**

No. **116**—9½ x 12 inches.
Each, **$1 70.**



No. **26**—Diameter 9 inches.
Each, **$1 95.**

No. **110**—8½ x 11 inches.
Each, **$1 70.**

No. **78**—7½ x 9¾ inches.
Each, **$1 57.**

No. **5**—Diameter 10 inches.
Each, **$1 25.**

CASE B.

1½ dozen in case. Case contains the above and all of Case A, page 880.
All our cages are of American manufacture, and are far superior both in make and finish to Canadian.

Case **B** 1½ dozen in case - - - - - - - - - - - - - - - per case, **$22 50**

BIRD CAGES

JAPANNED.

No. **108**—9¾ inches square.
Each, **$2 68.**

No. **6**—Diameter 8 inches.
Each, **$0 90.**

No. **14**—8 inches square.
Each, **$1 85.**

No. **94**—9¾ inches square.
Each, **$2 10.**

No. **56**—7½ x 10½ inches.
Each, **$1 85.**

No. **85**—8 x 11 inches.
Each, **$2 78.**

CASE C.

Two dozen in case. Case contains the above and all of Cases A and B, pages 880 and 881.

Case **C** Two dozen in a case . . . . . per case, **$34 75**

SOLD BY CASE ONLY.

BIRD CAGES

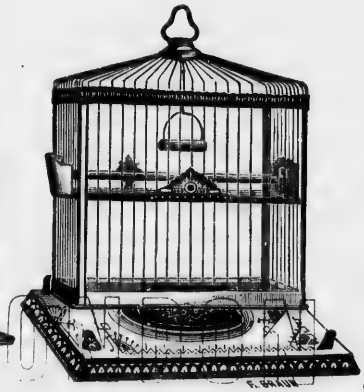
JAPANNED

No. **78**—7¼ x 9¾ inches.
Each, **$1 56.**

No. **67**—7½ x 7½ inches.
Each, **$0 80.**

No. **17**—7½ x 9¾ inches.
Each, **$0 98.**

No. **127**—8¾ x 11 inches.
Each, **$1 63.**



No. **116**—9½ x 11¾ inches.
Each, **$1 70.**

No **16**—6¼ x 8 inches.
Each, **$0 76.**

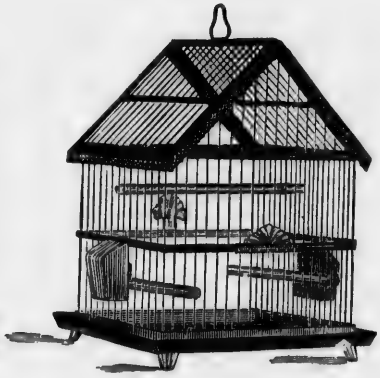
SEE NEXT PAGE

BIRD CAGES

JAPANNED. SOLD BY CASE ONLY.

No. **74**—8¼ inches square.
Each, **$1 32.**

No. **103**—8 x 10½ inches.
Each, **$1 40.**



No. **119**—8¼ x 11 inches.
Each, **$1 62.**

No. **66**—8 x 9¼ inches.
Each, **$1 28.**

No. **24**—8 x 8 inches.
Each, **93c.**

No. **120**—10 x 10 inches.
Each, **$1 52.**

CASE D.

ONE DOZEN IN CASE, AS SHOWN ABOVE AND ON PAGE 883.

Case D 1 dozen Square Bird Cages . . . . . per case, **$15 50**

BIRD CAGES

CASE E.

No. **6**—Diameter 8 inch. Each, **$1 00.**

No. **3**—Diameter 8½ inch. Each, **$0 90.**

No. **5**—Diameter 10 inch. Each, **$1 25.**

No. **20**—8½ x 11 inch. Each, **$1 36.**

No. **87**—Diameter 9 inch. Each, **$1 28.**

No. **67**—7½ x 7½ inch. Each, **$0 80.**

No. **16**—6¼ x 8 inch. Each, **$0 78.**

No. **116**—9½ x 11¼ inch. Each, **$1 70.**

No. **126**—8 x 10½ inch. Each, **$1 45.**

SEE NEXT PAGE.

No. **77**—7½ x 9¼ inch. Each, **$1 48.**

No. **112**—8 x 10½ inch. Each, **$1 78.**

No **30** (new)—8¼ inches square. Each, **$1 53.**

No. **121**—8¼ x 13¼ inch. Each, **$2 95.**
Fancy Ornamented Bottom.

No. **224**—Diameter 9 inch. Each, **$3 35.**
All Brass, Highly Polished Bottom.

No. **450**—7½ x 9¼ inches. Each, **$2 20.**
Brass Cage, Japanned Fancy Ornamented Bottom

No. **206**—Diameter 8½ inch. Each, **$2 36.**
All Brass, Highly Polished Bottom.

No. **117**—9½ inches square. Each, **$2 78.**

No **420**—Diameter 8 inch. Each, **$1 45.**
Brass Cage. Jap'nd Fancy Ornamented Bottom.

SOLD BY CASE ONLY.

Case **E** Contains 14 well-selected Japan Cages, 2 all Brass, 2 Brass with fancy ornamented Japan Patterns, as above and on page 885. . . per case, **$30 40**

JAPANNED.

No. **17**—7½ x 10 inches.
Each, **98c.**

No. **20**—8½ x 11¼ inches.
Each, **$1 35.**

No. **116**—9½ x 11¾ inches.
Each, **$1 70.**
FANCY ORNAMENTED BOTTOM.

No. **16**—6¼ x 8 inches.
Each, **79c.**
STAMPED BOTTOM.

No. **19**—8 x 10½ inches.
Each, **$1 20.**

No. **145**—6¾ x 9¼ inches.
Each, **98c.**

CASE F.
ONE-HALF DOZEN IN CASE, AS ABOVE.

Case **F** Half dozen in Case - - - - - - - - - - - - per case, **$7 00**

SOLD BY CASE ONLY.

BIRD CAGES

JAPANNED. SOLD BY CASE ONLY.

No. **144** - 10½ x 10½ inches.
Each, **$1 70.**
FANCY ORNAMENTED BOTTOM.

No. **142**—8½ x 8½ inches.
Each, **$1 20.**

No. **143**—9¼ x 9¼ inches.
Each, **$1 38.**
FANCY ORNAMENTED BOTTOM.

No. **67**—7½ x 7½ inches.
Each, **80c.**
STAMPED BOTTOM.

No. **120**—10 x 10 inches.
Each, **$1 52.**
STAMPED BOTTOM.

No. **24**—8 x 8 inches.
Each, **95c.**
STAMPED BOTTOM.

CASE G.

ONE-HALF DOZEN IN CASE.

Case G Half dozen in Case as above, - - - - - - - - - per case, **$7 55**

ENGLISH AND BELGIAN

WINDOW, PICTURE, COACH, CAR, ENAMELLED, STAINED ENAMELLED AND COLORED

SHEET GLASS

ALSO ROLLED, ROUGH CAST, BRITISH POLISHED PLATE, FLUTED, ROLLED CATHEDRAL TINTS, AND EVERY DESCRIPTION OF FANCY GLASS.

In presenting this third edition of our Glass Tariff, would direct your notice to some of the points deserving special attention. We are the largest importers and dealers in Glass in the Dominion, and, as we carry large quantities, both of Sheet, Plate and Fancy Glass in stock, we are able to execute our orders with promptitude and despatch. We claim for our Glass that it is more brilliant in surface, lighter in color, has fewer defects, and is of more even thickness than most that is imported into the country.

Our Cases are the best made, and those containing Double, Treble-thick and Fancy Glass have wider Batons on them, consequently the percentage of broken lights is far less in our packages than those sold by other houses.

In explanation of terms used by the trade, we would say that "United Inches" means the length and width of lights added together, for instance: 8 x 10 (18 united inches), and all sizes not exceeding 25 united inches up to 10 x 15, are priced and come under the break of 25 united inches; size, say 12 x 24 (36 united inches), come under 25 to 40; size 20 x 30 (50 united inches) come under 40 to 50, etc.

Breaks, or Brackets, are the divisions the manufacturers make in sizes of sheet glass, and are as follows:

1st	Break	embraces	all	sizes	up to 25	United	Inches	10th	Break	embraces	all	sizes	from 96 to 100 United Inches
2	"	"	"		from 26 to 40	United	Inches	11	"	"	"	"	101 to 105 " "
3	"	"	"	"	41 to 50	"	"	12	"	"	"	"	106 to 110 " "
4	"	"	"	"	51 to 60	"	"	13	"	"	"	"	111 to 115 " "
5	"	"	"	"	61 to 70	"	"	14	"	"	"	"	116 to 120 " "
6	"	"	"	"	71 to 80	"	"	15	"	"	"	"	121 to 125 " "
7	"	"	"	"	81 to 85	"	"	16	"	"	"	"	126 to 130 " "
8	"	"	"	"	86 to 90	"	"	17	"	"	"	"	131 to 135 " "
9	"	"	"	"	91 to 95	"	"	18	"	"	"	"	136 to 140 " "

Sheet Glass is made of six different thicknesses, three of which are in general demand, and for which we quote prices. The demand for 32, 36 and 42 oz. is always for special purposes, and we can only quote prices on receipt of particulars of sizes, qualities and thicknesses required.

16 oz.,	averaging	16 oz.	to the	foot and	1-13	inch	thick,	known as	single thick.
21 oz.,	"	21 oz.	"	"	1-10	"	"	"	double "
28 oz.,	"	28 oz.	"	"	1-8	"	"	"	treble "
32 oz.,	"	32 oz.	"	"	2-13	"	"		
36 oz.,	"	36 oz.	"	"	1-6	"	"		
42 oz.,	"	42 oz.	"	"	1-5	"	"		

RAILROAD, CAR COACH, CASKET AND SHOW CASE GLASS.

We have very fine double and treble-thick for above purposes, which we are furnishing the largest railroads and manufacturers in the country with.

30 to 38 9

LIST FOR THIRD QUALITY, 21 oz., DOUBLE DIAMOND STAR.

BREAKS.	SIZES.	LIST.			BREAKS.	SIZES.	LIST.		
1	14 to 25	$ 7 00	per case of	100 feet	10	96 to 100	$26 00	per case of	100 feet
2	26 to 40	7 50	"	"	11	101 to 105	28 50	"	"
3	41 to 50	8 75	"	"	12	106 to 110	33 50	"	"
4	51 to 60	10 00	"	"	13	111 to 115	38 00	"	"
5	61 to 70	11 50	"	"	14	116 to 120	43 00	"	"
6	71 to 80	12 50	"	"	15	121 to 125	48 00	"	"
7	81 to 85	14 00	"	"	16	126 to 130	53 00	"	"
8	86 to 90	17 50	"	"	17	131 to 135	58 00	"	"
9	91 to 95	22 00	"	"	18	136 to 140	63 00	"	"

When asking for quotations of Polished Plate Glass be sure and state number of plates required, as well as thickness and sizes, as price depends largely on quantity, thickness and size.

Polished Plate is made in four thicknesses: 3/16, ¼, 5/16 and ⅜. The last named size is rarely called for, unless for extra large plates for store fronts.

Fractional parts of inches will be charged at the price of the next highest even inches, thus 31¼ x 41½ inches is 32 x 42.

IRREGULAR SHAPES.—Panes which are of irregular shape are charged as the full size of the squares required to cut them.

An additional 10 per cent. will be charged for all sheet glass more than 40 inches wide. All sizes above 52 inches in length, and not making with width more than 80 United Inches, will be charged in the 85 inch Break.

When ordering Fancy Glass, please use the number marked on samples, and avoid risk of breakage and save expense of mailing samples, showing patterns required.

To suit the convenience of some of our friends who do not wish to buy full cases of each kind of Colored Glass, we can ship 100 feet cases containing a good assortment of the colors that are in almost every day demand.

PLATE GLASS MIRRORS SILVERED AND BEVELLED ON THE PREMISES. Any size or design supplied to order with promptness and despatch, and at the lowest prices. Don't purchase Plate Mirrors without applying to us; we are headquarters for glass of every description.

WE HAVE ENTERED LARGELY INTO THE MANUFACTURE OF CHUREH WINDOWS. Estimates given on special designs. Shall be pleased to furnish designs of Memorial and Chancel Windows at prices to suit purchasers. The approval of our patrons has been so marked in the other departments of our immense glass business that we have entered into this department. By so doing we can furnish everything needed in glass for dwellings and public buildings. We illustrate on pages Nos. 908 and 909 a few designs of Leaded Glass Work in Door Panels and Fanlights, also for Store Fronts (910), and on pages Nos. 911, 912 and 913 we show some new designs for churches, both plain and decorative. Purchasers can rely on the work in this department being first-class in every particular. Special designs made to order on short notice.

As we have our glass put up by experienced packers we make no allowance for breakage. Bills of lading being guarantee of good order when shipped, and all sheet glass shipped at customer's risk.

Commencing on next page is a complete list of sizes, showing the breaks of United Inches they are in, the number of lights in case, also RETAIL PRICES by the light of **Star, Diamond Star, Double Diamond Star,** and **28-oz. Glass.**

For orders cut to sizes we allow a trade discount off these prices.

SUGGESTIONS AND EXPLANATIONS OF PAGES 902 TO 907 INCLUSIVE.

Do not cut the patterns from book. Order by number of pattern only, and thus keep the book in good order for your next customer.

Give full size of Glass and depth of Rabbet.

If the Rabbet is not the same on the sides as it is on top and bottom, state how much it is in each place.

If no Rabbet is given we will allow for one-half inch Rabbet all around.

If the openings to be filled with glass have any **peculiar shape** it is better to send **a full size diagram** of such shape, showing both the edge of the glass and the edge of the moulding

If no shape is given we will assume the glass to be square at all corners.

If any initial or other lettering is shown on the pattern selected, be sure to state what initial or lettering is wanted, and also say which measure is the height of glass.

When glass is wanted to match a former order it is necessary to give the name and date of former order, and if this cannot be had it is necessary for us to have a "rub' or a tracing of the pattern. We will be pleased to send instructions as to how to make "rubs" at any time.

These designs can be adapted to any reasonable size or shape.

Special designs and estimates for same furnished on application.

Monograms, initials or any desired lettering can be inserted in almost any of these patterns.

We can and will make any other pattern you may want, either from our old pattern sheets, or from any pattern sheet, but we prefer to fill orders from this sheet, because we can ship more promptly.

Almost any of these patterns can be made the reverse of the engravings (that is, clear glass where the cut shows ground glass, or vice versa) when so ordered, without extra charge.

When ordering be sure to state which way you wish your glass made, that is whether you want ground glass where ground glass is shown on the engravings, or the reverse.

Any of these designs can be made on Plate Glass.

Any of these designs can be made on Ruby, Blue, Yellow, Green or Purple Glass when so wanted, and unless otherwise ordered we leave the body of the glass colored in such cases.

SEND SHIPPING DIRECTIONS WITH THE ORDER.

PLATE GLASS

WE carry the largest stock of British Plate Glass in Ontario. As we purchase for cash in large quantities we at all tmes get the lowest market prices, and thus are enabled to quote bottom figures for any specification submitted to us. The delivery and Insurance of Plate Glass are special features with us, we can deliver Plate Glass at the store front anywhere within 100 miles of London by our Plate Glass Wagon (cut of which is given above) and if so desired will furnish prices for Glass placed in position, thus relieving the purchaser of expense of unloading from car, cost of teaming, and risk in transit from cars to building, and placing the same in store front. We will also insure Plate Glass supplied by us against breakages for from one to three years at special rates. A practical man is at the head of this department and satisfaction is guaranteed. Do not purchase Plate Glass before applying to us, we can supply any and all sizes in ¼, 5-16 and ⅜ inch thick from stock.

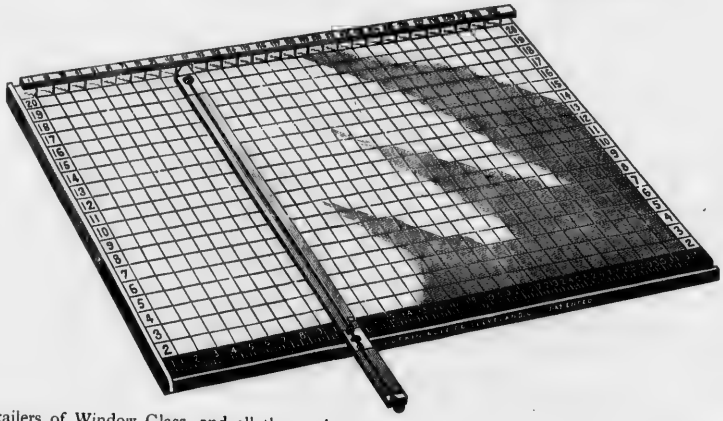
MIRROR PLATES

OUR OWN SILVERING.

BRITISH PLATE, BEST GERMAN PLATE, AND SHOCKS.

Our stock of Glass for silvering is carefully selected from the best makers. This department is in charge of a skilled "Silverer," and we will spare no expense to finish our goods fully equal to any of imported silvering. Parties using bevelled Glass will find our prices much lower than elsewhere. We bevel all our own Glass, thus are not restricted to certain stock sizes, but can furnish any size glass, with bevel to suit purchaser.

THE "PERFECTION" GLASS BOARD



Glaziers, retailers of Window Glass, and all those who are cutting constantly odd sizes, will at once appreciate the advantages of the "Perfection" Glass Board for this purpose.

IT FILLS A LONG FELT WANT—A PERFECT GLASS CUTTER'S BOARD.

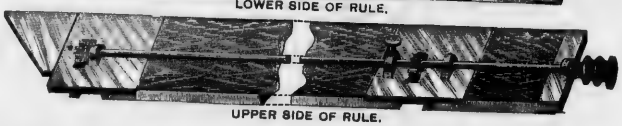
It insures accuracy, saves time, and prevents breakage.

It is a well known fact that there is a large precentage of breakage in cutting glass to size. Why? Because you find it so awkward with the old style of home-made board, holding the straight edge with one hand while you use the diamond with the other. You are sure to let it slip before you make a full cut. It is almost impossible to cut large glass without the assistance of a second person. The "Perfection" holds the rule firmly at both ends for any length of cut. It is quickly adjusted, easily understood, and perfectly accurate. It not only holds the rule for even inches, but also for any fraction of an inch. It will save you money. YOU CANNOT AFFORD TO BE WITHOUT IT.

A DESCRIPTION OF THE "PERFECTION" GLASS BOARD.

The board is made of well seasoned hard wood, made up of narrow strips, each piece having a longitudinal channel cut in the back to prevent warping and will always remain true It is ruled from side to side both ways, dividing the board into

LOWER SIDE OF RULE.



UPPER SIDE OF RULE.

even inches. At the top is a series of perpendicular pins, one for each inch, at the bottom a corresponding series of horizontal pins. The rule is provided at each end with a laterally adjustable gauge, connected with and moved simultaneously equal distances by a connecting rod. This device is an improvement on our old method of moving each gauge independently, as it is IMPOSSIBLE with this connecting rod to move one gauge more than the other. When even inches are to be cut these gauges are brought even with the right hand side of the rule. The wedge shaped point is inserted between the perpendicular pins and the plug at the other end of the rule is dropped between the horizontal pins at the desired inch. This holds the rule firmly on the line, allowing for the width of the diamond. It is done in much less time than it takes to tell. We will illustrate how the fractions of an inch are obtained by giving an example. Supposing we have a light of glass to cut 35⅜ inches in length. We insert the point of the rule between the pins at the 35th inch. When we release the connecting rod by loosening the set screw, then by turning the thumb nut on the end of connecting rod we move the rule forward to the proper place by which to cut the glass exactly 35⅜ inches in length. These points will be readily understood by referring to the cut.

PRICE LIST.

SIZE OF BOARD	24 x 36,	EACH
" "	30 x 48,	"
" "	36 x 54,	"
" "	42 x 60,	"
" "	48 x 72,	"

OTHER SIZES TO ORDER.

WINDOW GLASS.

UNITED INCHES.	SIZES.	LIGHTS PER BOX. 100 FEET.	PRICE PER LIGHT. STAR.	DIAMOND STAR.	DOUBLE DIAMOND STAR.	28 OUNCE.
14 to 25	7 x 9	229	3	3½	4½	.....
	8 x 10	180	4	4½	5½	.....
	9 x 12	134	5½	6	7½	.....
	10 x 12	120	6	6½	8½	.....
	14	103	7	8	10	.....
26 to 40	8½ x 21	81	9	11	14	.....
	10 x 16	90	8	9	12½	.....
	18	80	9	10	14	.....
	20	72	10	11½	15½	.....
	22	65	11	12½	17	.....
	24	60	12	14	18½	.....
	26	55	13	15	20	.....
	28	51	14	16	21½	.....
	30	48	15	17	23	.....
41 to 50	32	45	17	20	28½	.....
	34	42	18	22	30½	.....
	36	40	20	24	32	.....
26 to 40	12 x 14	86	8	9½	13	.....
	16	75	9	11	14½	.....
	18	67	11	12	16½	.....
	20	60	12	14	18½	.....
	22	55	13	15	20	.....
	24	50	14	16	22	.....
	26	46	15	18	24	.....
	28	43	16	19	26	.....
41 to 50	30	40	18	22	32	.....
	32	38	19	24	34	.....
	34	35	21	26	37	.....
	36	33	22	27	39	.....
	38	32	24	29	40	.....
51 to 60	40	30	26	30	49	.....
26 to 40	14 x 16	64	11	13	17½	.....
	18	57	12	14	19½	.....
	20	51	13	16	21½	.....
	22	47	14	17	24	.....
	24	43	16	19	26	.....
	26	40	17	21	27½	.....
41 to 50	28	37	19	24	35	.....
	30	34	22	26	38	.....
	32	32	23	28	40	.....
	34	30	24	30	42	.....
	36	28	26	31	46	.....
51 to 60	38	27	28	36	55	.....
	40	26	29	38	56½	.....
	42	24	31	45	61	.....
	44	23	36	48	64	.....
	46	22	39	52	67	.....
61 to 70	48	21	42	55	81	.....
	50	20	44	58	85	.....
26 to 40	15 x 17	56	13	15	20	.....
	18	53	14	17	21	.....
	20	48	15	18	23	.....
	22	44	16	19	25	.....
	24	40	17	21	27½	.....
41 to 50	26	37	20	24	36	.....
	28	34	22	26	39	.....
	30	32	23	28	41	.....
	32	30	25	30	43	.....
	34	28	26	32	47	.....
51 to 60	36	27	28	37	55	.....
	38	25	30	39	59	.....
	40	24	32	42	62	.....
26 to 40	16 x 18	50	14	16	22	.....
	20	45	16	18	24½	.....
	22	41	17	20	27	.....
	24	38	19	22	29	.....
41 to 50	26	34	21	26	37	.....
	28	32	23	28	41	.....
	30	30	25	30	43	.....
	32	28	26	32	47	.....
	34	26	28	35	50	.....

UNITED INCHES.	SIZES.	LIGHTS PER BOX. 100 FEET.	PRICE PER LIGHT. STAR.	DIAMOND STAR.	DOUBLE DIAMOND STAR.	28 OUNCE.
51 to 60	16 x 36	25	$0 30	$0 39	$0 59	.....
	38	24	32	41	62	.....
	40	23	34	42	64	.....
	42	21	36	46	70	.....
	44	20	39	49	74	.....
61 to 70	46	20	42	50	84	.....
	48	19	45	59	88	.....
	50	18	47	62	93	.....
	52	17	49	65	1 00	.....
	54	16	52	70	1 06	.....
26 to 40	18 x 20	40	18	21	27½	.....
	22	36	20	23	31	.....
41 to 50	24	33	22	27	39	.....
	26	31	24	29	41½	.....
	28	29	26	31	46	.....
	30	27	27	33	48	.....
	32	25	30	36	51	.....
51 to 60	34	24	32	41	62	.....
	36	22	34	45	67	.....
	38	21	36	47	70	.....
	40	20	38	49	74	.....
	42	19	41	51	78	.....
61 to 70	44	18	45	61	93	.....
	46	17	47	62	97	.....
	48	16	49	65	1 00	.....
	50	16	52	70	1 05	.....
	52	15	55	75	1 15	.....
71 to 80	54	15	60	78	1 23	.....
	56	14	63	85	1 35	.....
	58	14	66	88	1 45	.....
	60	13	70	90	1 50	.....
41 to 50	20 x 22	33	22	23	39	.....
	24	30	25	27	43	.....
	26	28	27	32	47	.....
	28	26	29	35	50	.....
	30	24	31	38	54	$0 72
51 to 60	32	23	33	42	64	85
	34	21	36	46	70	93
	36	20	38	48	74	1 00
	38	19	41	51	78	1 04
	40	18	44	54	82	1 10
61 to 70	42	17	49	65	97	1 30
	44	16	52	68	1 00	1 34
	46	16	54	71	1 05	1 40
	48	15	57	75	1 12	1 50
	50	14	61	80	1 20	1 60
71 to 80	52	14	63	85	1 30	1 73
	54	13	65	90	1 40	1 87
	56	13	70	95	1 50	2 00
	58	12	75	1 05	1 55	2 06
	60	12	80	1 10	1 70	2 27
41 to 50	22 x 24	27	28	33	48	64
	26	25	30	36	52	70
	28	23	33	39	56	75
51 to 60	30	22	35	44	67	90
	32	20	38	49	74	98
	34	19	41	51	78	1 17
	36	18	43	54	82	1 20
	38	17	45	57	86	1 25
61 to 70	40	16	49	65	1 03	1 37½
	42	16	53	70	1 06	1 41
	44	15	57	75	1 12	1 50
	46	14	60	78	1 20	1 60
	48	14	62	85	1 30	1 73
71 to 80	50	13	68	97	1 41	1 88
	52	13	72	1 02	1 50	2 00
	54	12	75	1 07	1 53	2 04
	56	12	78	1 09	1 60	2 14
	58	11	80	1 10	1 67	2 26
81 to 85	60	11	95	1 25	1 87	2 50

WINDOW GLASS.

United Inches.	Sizes.	Lights per Box. 100 Feet.	Price per Light. Star.	Diamond Star.	Double Diamond Star.	28 Ounce.
41 to 50	24 x 26	23	$0 32	$0 39	$0 56	$0 75
51 to 60	28	22	35	45	67	90
	30	20	39	49	74	98
	32	19	41	52	78	1 07
	34	18	43	55	82	1 10
	36	17	47	58	86	1 15
61 to 70	38	16	53	70	1 05	1 40
	40	15	57	75	1 12	1 50
	42	14	60	77	1 19	1 60
	44	14	62	82	1 24	1 65
	46	13	66	86	1 29	1 72
71 to 80	48	12	72	1 00	1 49	2 00
	50	12	76	1 05	1 56	2 08
	52	12	79	1 11	1 63	2 17
	54	11	82	1 17	1 67	2 26
	56	11	85	1 22	1 75	2 35
81 to 85	58	10	97	1 37	2 00	2 67
	60	10	1 07	1 45	2 10	2 80
51 to 60	26 x 28	20	38	49	74	1 00
	30	18	42	55	82	1 10
	32	17	46	58	86	1 15
	34	16	49	61	90	1 20
61 to 70	36	15	56	72	1 10	1 47
	38	15	58	76	1 14	1 52
	40	14	61	80	1 20	1 60
	42	13	65	84	1 29	1 72
	44	13	69	87	1 33	1 77
71 to 80	46	12	73	98	1 50	2 00
	48	12	77	1 07	1 56	2 08
	50	11	82	1 13	1 65	2 20
	52	11	87	1 19	1 72	2 30
	54	10	98	1 30	1 85	2 47
81 to 85	56	10	1 00	1 37	2 05	2 73
	58	10	1 07	1 45	2 10	2 80
51 to 60	28 x 30	17	45	58	86	1 15
	32	16	49	61	90	1 20
61 to 70	34	15	57	75	1 12	1 50
	36	14	61	77	1 19	1 60
	38	14	63	82	1 24	1 65
	40	13	66	86	1 29	1 72
	42	12	71	92	1 38	1 84
71 to 80	44	12	74	1 07	1 53	2 04
	46	11	79	1 12	1 68	2 24
	48	11	82	1 20	1 74	2 32
	50	10	87	1 25	1 84	2 45
	52	10	92	1 30	1 88	2 50
81 to 85	54	10	1 02	1 45	2 05	2 73
	56	9	1 12	1 56	2 24	3 00
86 to 90	58	9	1 20	1 90	2 64	3 52
	60	9	1 40	2 05	2 84	3 80
	62	8	1 50	2 25	3 10	4 13
61 to 70	30 x 32	15	57	75	1 12	1 50
	34	14	61	81	1 20	1 60
	36	13	65	85	1 29	1 72
	38	13	68	87	1 34	1 79
	40	12	71	92	1 38	1 84
71 to 80	42	11	80	1 09	1 63	2 17
	44	11	83	1 18	1 70	2 27
	46	10	87	1 27	1 82	2 43
	48	10	92	1 32	1 85	2 45
	50	10	97	1 37	1 90	2 53
81 to 85	52	9	1 13	1 49	2 24	3 00
	54	9	1 17	1 57	2 28	3 04
86 to 90	56	9	1 30	2 00	2 69	3 60
	58	8	1 45	2 12	2 98	3 97
	60	8	1 60	2 21	3 20	4 27
	62	8	1 75	2 55	3 55	4 73
91 to 95	64	8	1 85	2 65	3 58	4 78
	65	7	1 97	2 69	4 10	5 47
96 to 100	66	7	2 15	2 80	4 86	6 49
	68	7	2 30	2 95	5 08	6 78
	70	7	2 45	3 20	5 28	7 04

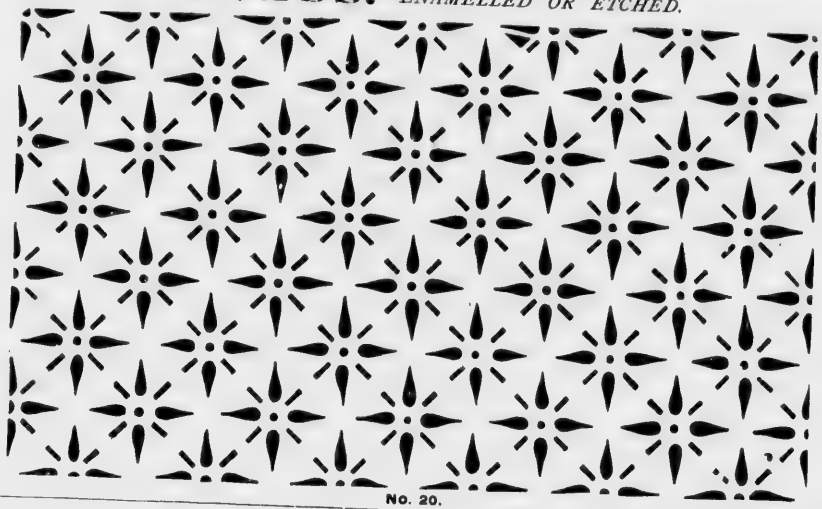
United Inches.	Sizes.	Lights per Box. 100 Feet.	Price per Light. Star.	Diamond Star.	Double Diamond Star.	28 Ounce.
101 to 105	30 x 72	6	.....	.....	$6 50	$8 65
	74	6	.....	.....	6 75	9 00
106 to 110	76	6	.....	.....	8 50	11 30
	78	6	.....	.....	8 85	11 80
	80	6	.....	.....	9 20	12 25
111 to 115	82	6	.....	.....	9 50	12 65
	84	6	.....	.....	9 75	13 00
116 to 120	86	5	.....	.....	10 75	14 33
	88	5	.....	.....	11 00	14 65
	90	5	.....	.....	11 25	15 00
61 to 70	32 x 32	14	$0 60	$0 82	1 21	1 60
	34	13	66	87	1 29	1 72
	36	12	72	92	1 40	1 87
	38	12	75	97	1 45	1 93
71 to 80	40	11	81	1 09	1 63	2 17
	42	11	85	1 18	1 70	2 27
	44	10	89	1 25	1 82	2 43
	46	10	92	1 30	1 85	2 45
	48	9	1 02	1 42	2 05	2 73
81 to 85	50	9	1 13	1 50	2 25	3 00
	52	9	1 25	1 57	2 38	3 57
86 to 90	54	8	1 45	2 00	3 04	4 05
	56	8	1 55	2 17	3 27	4 35
	58	8	1 65	2 27	3 35	4 47
91 to 95	60	8	1 95	2 50	3 63	4 85
	62	7			3 98	5 30
96 to 100	64	7	.....	.....	4 85	6 47
	66	7	.....	.....	5 18	6 90
	68	7	.....	.....	5 38	7 15
101 to 105	70	7	.....	.....	5 98	7 97
	72	6	.....	.....	6 75	9 00
106 to 110	74	6	.....	.....	8 33	11 10
	76	6	.....	.....	8 55	11 40
	78	6	.....	.....	8 75	11 67
111 to 115	80	6	.....	.....	9 40	12 53
	82	5	.....	.....	9 65	12 87
116 to 120	84	5	.....	.....	11 20	14 95
	86	5	.....	.....	11 45	15 25
	88	5	.....	.....	11 75	15 67
121 to 125	90	5	.....	.....	13 40	17 85
	92	5	.....	.....	13 75	18 35
61 to 70	34 x 36	12	72	93	1 40	1 87
71 to 80	38	11	82	1 07	1 63	2 17
	40	11	87	1 16	1 67	2 23
	42	10	90	1 25	1 85	2 45
	44	10	95	1 31	1 92	2 56
	46	9	1 02	1 44	2 05	2 73
81 to 85	48	9	1 15	1 56	2 28	3 04
	50	8	1 30	1 75	2 56	3 40
86 to 90	52	8	1 43	1 92	3 20	4 27
	54	8	1 55	2 20	3 24	4 32
	56	8	67	2 32	3 35	4 47
91 to 95	58	7	2 10	2 50	3 88	5 17
	60	7	2 22	2 69	4 10	5 47
	35 x 60	7	2 40	3 00	4 10	5 47
96 to 100	34 x 62	7	.....	.....	4 86	6 48
	64	7	.....	.....	5 24	7 00
	66	6	.....	.....	5 75	7 65
101 to 105	68	6	.....	.....	6 34	8 45
	70	6	.....	.....	6 50	8 67
106 to 110	72	6	.....	.....	7 65	10 20
	74	6	.....	.....	7 90	10 53
	76	6	.....	.....	7 94	10 60
71 to 80	36 x 38	11	85	1 25	1 67	2 23
	40	10	95	1 32	1 83	2 44
	42	10	1 02	1 37	1 90	2 53
81 to 85	44	9	1 07	1 42	2 04	2 72
	46	9	1 15	1 56	2 28	3 04
	48	8	1 30	1 75	2 57	3 40

WINDOW GLASS.

United Inches.	Sizes.	Lights per Box. 100 Feet.	Price per Light. Star.	Diamond Star.	Double Diamond Star.	28 Ounce.
86 to 90	36 x 50	8	$1 50	$2 20	$3 08	$4 10
	52	8	1 66	2 30	3 28	4 37
	54	7	1 72	2 39	3 52	4 70
91 to 95	56	7	2 58	2 50	3 95	5 27
	58	7	2 26	2 72	4 10	5 47
96 to 100	60	7	2 61	3 55	4 85	6 48
	62	6	.....	.....	5 68	7 55
	64	6	.....	.....	5 94	7 92
101 to 105	66	6	.....	.....	6 34	8 45
	68	6	.....	.....	6 82	9 10
106 to 110	70	6	.....	.....	7 35	9 80
	72	6	.....	.....	8 05	10 73
	74	5	.....	.....	9 20	12 25
111 to 115	76	5	.....	.....	10 60	14 15
	78	5	.....	.....	10 70	14 25
116 to 120	80	5	.....	.....	12 00	16 00
	82	5	.....	.....	12 25	16 35
	84	5	.....	.....	12 60	16 80
121 to 125	86	5	.....	.....	14 40	19 20
	88	5	.....	.....	14 75	19 65
126 to 130	90	4	.....	.....	16 65	22 20
	92	4	.....	.....	17 00	22 65
	94	4	.....	.....	17 35	23 10
71 to 80	38 x 40	9	99	1 40	2 05	2 73
	42	9	1 02	1 46	2 10	2 80
81 to 85	44	9	1 13	1 57	2 28	3 04
	46	8	1 42	1 80	2 57	3 40
86 to 90	48	8	1 62	2 10	3 21	4 52
	50	8	1 69	2 30	3 45	4 60
	52	7	1 75	2 41	3 52	4 70
91 to 95	54	7	2 00	2 65	4 03	5 37
	56	7	2 24	2 72	4 18	5 51
96 to 100	58	7	2 62	3 67	4 85	6 48
	60	6	2 86	3 92	5 65	7 53
	62	6	.....	.....	6 00	8 00
101 to 105	64	6	.....	.....	6 34	8 45
	66	6	.....	.....	6 75	9 00
106 to 110	68	6	.....	.....	7 65	10 20
	70	5	.....	.....	9 15	12 20
	72	5	.....	.....	9 20	12 25
81 to 85	40 x 42	9	1 27	.....	2 28	3 04
	44	8	1 44	.....	2 57	3 40
86 to 90	46	8	1 62	.....	3 08	4 10
	48	8	1 70	.....	3 32	4 43
	50	7	1 86	.....	3 52	4 70
91 to 95	52	7	2 24	.....	4 10	5 47
	54	7	2 35	.....	4 24	5 65
96 to 100	56	6	2 81	.....	5 68	7 57
	58	6	2 95	.....	6 15	8 20
	60	6	3 06	.....	6 18	8 24
101 to 105	62	6	.....	.....	6 34	8 45
	64	6	.....	.....	6 90	9 20
106 to 110	66	5	.....	.....	8 60	11 47
	68	5	.....	.....	8 70	11 60
	70	5	.....	.....	9 20	12 25
111 to 115	72	5	.....	.....	10 75	14 33
	74	5	.....	.....	11 45	15 25
116 to 120	76	5	.....	.....	13 10	17 47
	78	5	.....	.....	13 50	18 00
	80	4	.....	.....	14 00	18 65
121 to 125	82	4	.....	.....	15 95	21 25
	84	4	.....	.....	16 35	21 80
	86	4	.....	.....	18 25	24 30
126 to 130	88	4	.....	.....	19 05	25 40
	90	4	.....	.....	19 40	25 85
86 to 90	42 x 44	8	.....	.....	3 25	4 33
	46	7	.....	.....	3 60	4 80
	48	7	.....	.....	3 75	5 00

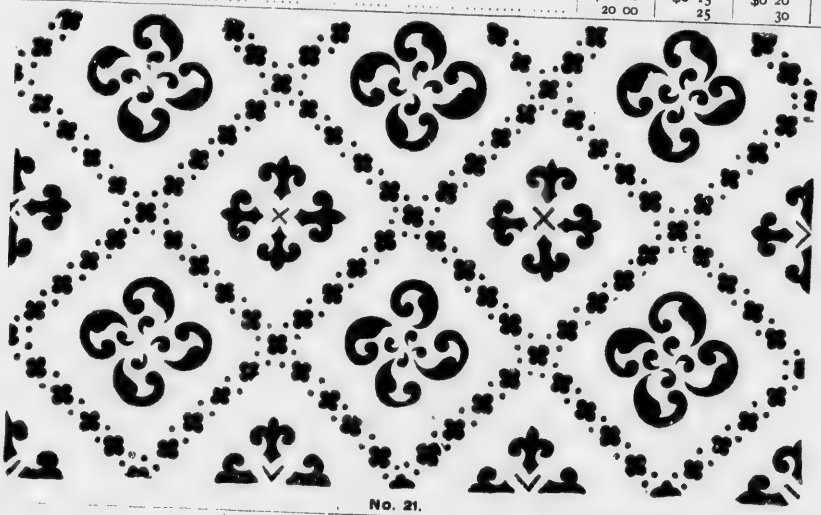
United Inches.	Sizes.	Lights per Box. 100 Feet.	Price per Light. Star.	Diamond Star.	Double Diamond Star.	28 Ounce.
91 to 95	42 x 50	7	.....	.....	$ 4 43	$ 5 90
	52	7	.....	.....	4 53	6 05
96 to 100	54	6	.....	.....	6 16	8 20
	56	6	.....	.....	6 45	8 60
	58	6	.....	.....	6 65	8 85
101 to 105	60	6	.....	.....	6 80	9 05
	62	6	.....	.....	6 88	9 17
	63	5	.....	.....	8 25	11 00
106 to 110	64	5	.....	.....	9 75	13 00
	66	5	.....	.....	10 40	13 85
	68	5	.....	.....	10 48	13 97
111 to 115	70	5	.....	.....	11 20	14 90
	72	5	.....	.....	11 30	15 07
116 to 120	74	5	.....	.....	12 75	17 00
	76	5	.....	.....	13 50	18 00
	78	4	.....	.....	14 35	19 15
121 to 125	80	4	.....	.....	16 45	21 90
	82	4	.....	.....	16 85	22 47
126 to 130	84	4	.....	.....	18 10	24 13
	86	4	.....	.....	18 50	24 65
	88	4	.....	.....	19 00	25 30
86 to 90	44 x 46	7	.....	.....	4 67	4 90
91 to 95	48	7	.....	.....	4 35	5 80
	50	6	.....	.....	4 43	5 90
96 to 100	52	6	.....	.....	5 85	7 80
	54	6	.....	.....	6 05	8 05
	56	6	.....	.....	6 15	8 20
101 to 105	58	6	.....	.....	6 97	9 30
	60	5	.....	.....	8 25	11 00
106 to 110	62	5	.....	.....	9 75	13 00
	64	5	.....	.....	10 00	13 34
	66	5	.....	.....	10 30	13 73
111 to 115	68	5	.....	.....	11 25	11 50
	70	5	.....	.....	11 30	15 07
116 to 120	72	5	.....	.....	13 85	18 47
	74	4	.....	.....	14 30	19 05
	76	4	.....	.....	14 65	19 53
121 to 125	78	4	.....	.....	15 95	21 25
	80	4	.....	.....	16 40	21 85
126 to 130	82	4	.....	.....	18 45	24 60
	84	4	.....	.....	18 95	25 28
	86	4	.....	.....	19 40	25 85
131 to 135	88	4	.....	.....	21 75	29 00
	90	4	.....	.....	22 20	29 60
95 to 100	46 x 54	6	.....	.....	6 15	8 20
101 to 105	56	6	.....	.....	7 00	9 33
	58	5	.....	.....	8 25	11 00
106 to 110	60	5	.....	.....	9 75	13 00
	62	5	.....	.....	10 00	13 34
	64	5	.....	.....	10 30	13 73
111 to 115	66	5	.....	.....	11 20	14 90
	68	5	.....	.....	11 30	15 07
116 to 120	70	4	.....	.....	13 85	18 48
	72	4	.....	.....	14 30	19 05
	74	4	.....	.....	14 65	19 53
121 to 125	76	4	.....	.....	15 95	21 25
	78	4	.....	.....	16 40	21 85
126 to 130	80	4	.....	.....	18 45	24 60
	82	4	.....	.....	18 95	25 28
	84	4	.....	.....	19 40	25 85
131 to 135	86	4	.....	.....	21 75	29 00
	88	4	.....	.....	22 20	29 60
95 to 100	48 x 52	6	.....	.....	6 15	8 20
101 to 105	54	6	.....	.....	6 85	9 13
	57	5	.....	.....	8 25	11 00
106 to 110	60	5	.....	.....	10 00	13 34
	62	5	.....	.....	10 30	13 73
111 to 115	64	5	.....	.....	11 20	14 90
	66	5	.....	.....	11 30	15 07
116 to 120	68	4	.....	.....	13 85	18 47
	70	4	.....	.....	14 30	19 05
	72	4	.....	.....	14 65	19 53
106 to 110	50 x 60	5	.....	.....	10 00	13 34
115 to 120	70	4	.....	.....	14 65	19 53
136 to 140	90	3	.....	.....	27 30	36 40

GLASS.—*ENAMELLED OR ETCHED.*



No. 20.

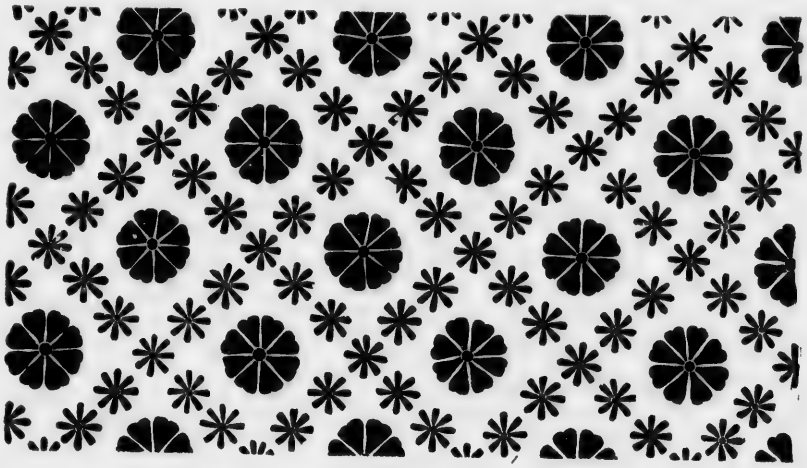
No.	Description.	Per Case 100 ft.	Per Foot, by the Sheet.	Per Foot, Cut to Size.	Import Rate.
20	Enameled or Etched, 16 oz	$12 00	$0 15	$0 20	
	" " 21 oz	20 00	25	30	



No. 21.

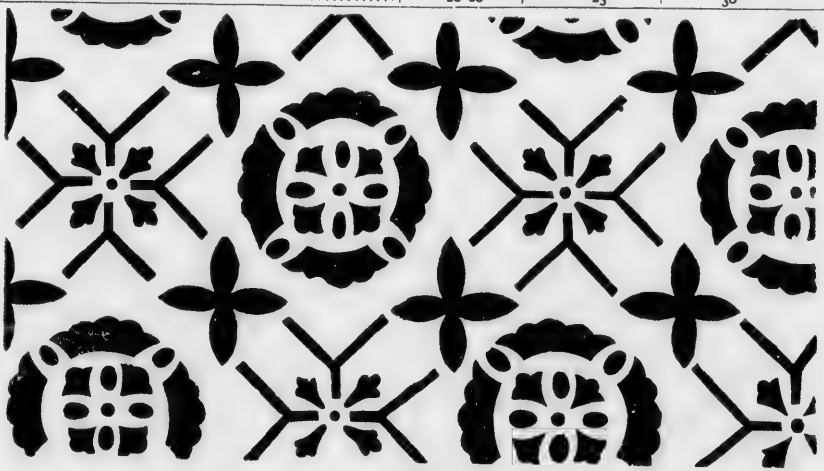
No.	Description.	Per Case 100 ft.	Per Foot, by the Sheet.	Per Foot, Cut to Size.	Import Rate.
21	Enamelled or Etched, 16 oz	$12 00	$0 15	$0 20	
	" " 21 oz	20 00	25	30	
	Ruby, Enamelled or Etched, 16 oz	35 00	45	60	
	Blue, " " 16 oz	30 00	37½	50	
	Green, " " 16 oz	40 00	50	65	
	Yellow, " " 16 oz	30 00	37½	45	
	Purple, " " 16 oz	30 00	37½	45	
	Ruby, " " 21 oz	52 00	67½	90	
	Blue, " " 21 oz	45 00	60	80	
	Green, " " 21 oz	60 00	75	1 00	
	Yellow, " " 21 oz	45 00	60	80	
	Purple, " " 21 oz	45 00	60	80	

GLASS.—*ENAMELLED OR ETCHED.*



No. 22.

No.	Description.	Per Case 100 feet.	Per foot by the Sheet.	Per foot cut to Size.	Import Rate.
22	Enamelled or Etched, 16 oz.	$12 00	$0 15	$0 20	
	Enamelled or Etched, 21 oz.	20 00	25	30	
	Enamelled on Obscured, 16 oz.	20 00	25	30	

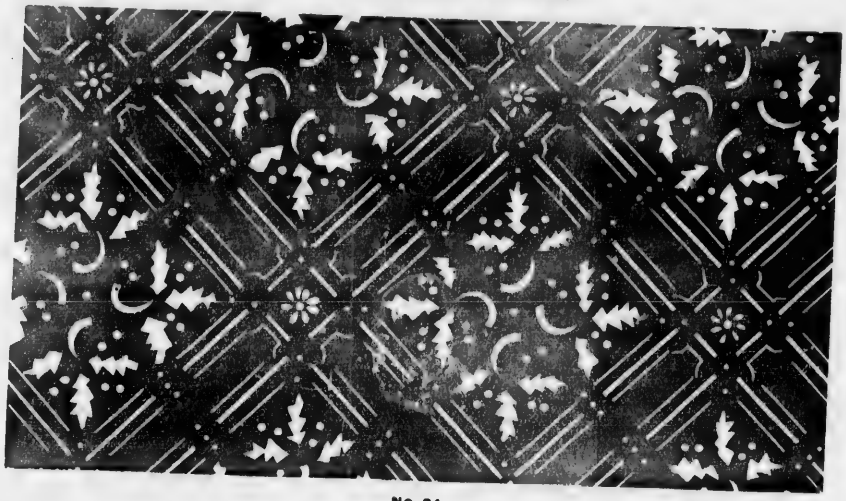


No. 23

No.	Description.	Per Case 100 feet.	Per foot by the Sheet.	Per foot cut to Size.	Import Rate.
23	Enamelled or Etched, 16 oz	$12 00	$0 15	$0 20	
	Enamelled or Etched, 21 oz	20 00	25	30	
	Ruby, Enamelled, 16 oz.	35 00	45	60	
	Blue, " 16 oz.	30 00	37½	50	
	Green, " 16 oz	40 00	50	65	
	Yellow, " 16 oz	30 00	37½	45	
	Purple, " 16 oz.	30 00	37½	45	
	Ruby, " 21 oz	52 00	67½	90	
	Blue, " 21 oz.	45 00	60	80	
	Green, " 21 oz.	60 00	75	1 00	
	Yellow, " 21 oz.	45 00	60	80	
	Purple, " 21 oz.	45 00	60	80	

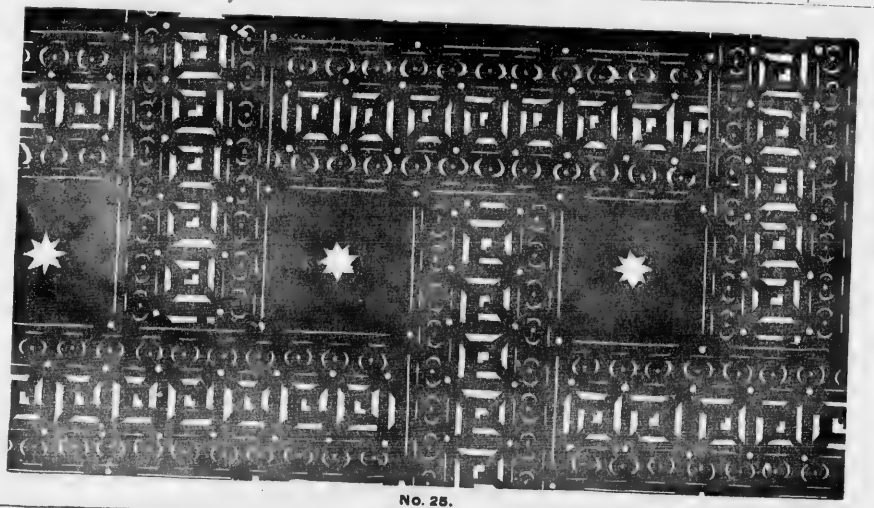
GLASS.

ENAMELLED OR ETCHED.



No. 24.

No.	Description.	Per case 100 feet.	Per foot by the Sheet.	Per foot cut to Size.	Import Rate.
24	Enamelled or Etched, 16 oz.	$12 00	$0 15	$0 20	
	" " 21 oz.	20 00	25	30	

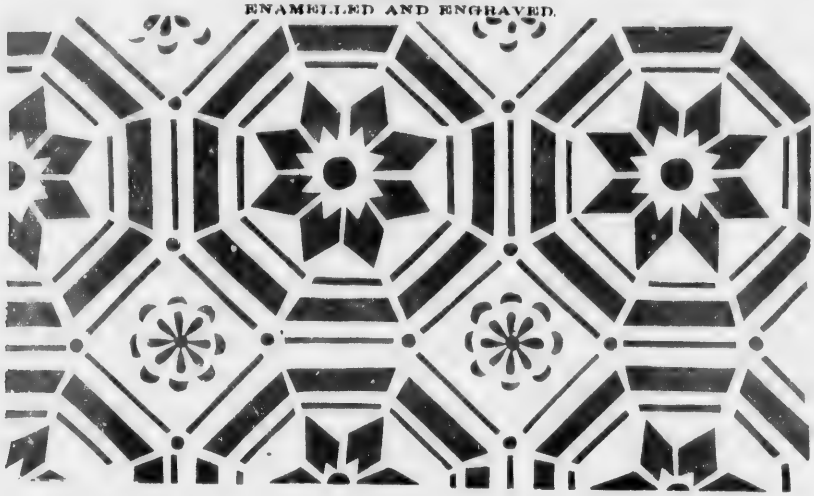


No. 25.

No.	Description.	Per case 100 feet.	Per foot by the Sheet.	Per foot cut to Size.	Import Rate.
25	Enamelled or Etched, 16 oz.	$12 00	$0 15	$0 20	
	" " 21 oz	20 00	25	30	

GLASS.

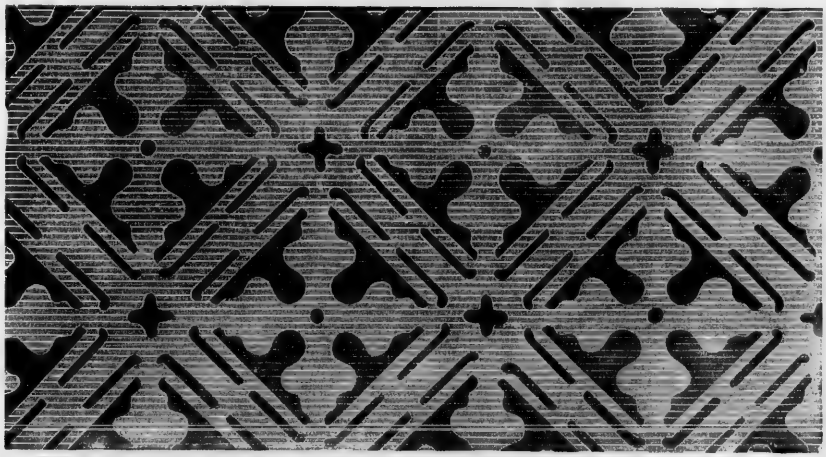
ENAMELLED AND ENGRAVED.



No. 26.

No.	Description.	Per Case 100 feet.	Per Foot by the Sheet.	Per foot cut to Size.	Import Rate.
26	Enamelled or Etched, 16 oz	$12 00	$0 15	$0 20	
	Enamelled or Etched, 21 oz	20 00	25	30	
	Enamelled on Obscured, 16 oz	20 00	25	30	
	Blue, Engraved, 16 oz	65 00	75	85	
	Ruby, " 16 oz	52 50	62½	72½	
	Yellow, " 16 oz	52 50	62½	72½	
	Purple, " 16 oz	52 50	62½	72½	
	Green, " 16 oz	65 00	75	85	
	Blue, " 21 oz	110 00	1 35	1 60	
	Ruby, " 21 oz	100 00	1 25	1 50	
	Yellow, " 21 oz	100 00	1 25	1 50	
	Purple, " 21 oz	100 00	1 25	1 50	
	Green, " 21 oz	110 00	1 35	1 60	

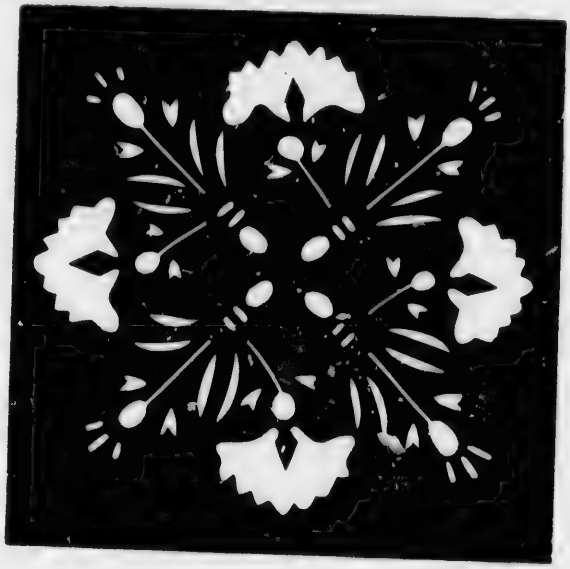
FIGURED ROLLED PLATE.



Description.	Per Case 100 feet.	Per foot by the Sheet.	Per foot cut to Size.	Import Rate.
Figured Rolled Plate, ⅛ inch	$35 00	$0 45	$0 55	

ROSETTES FOR CORNER PIECES

PATTERNS ARE SHOWN EXACT SIZE.

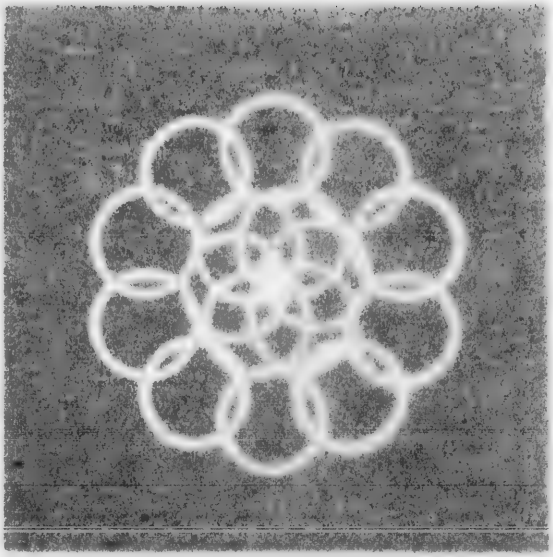


No. 30

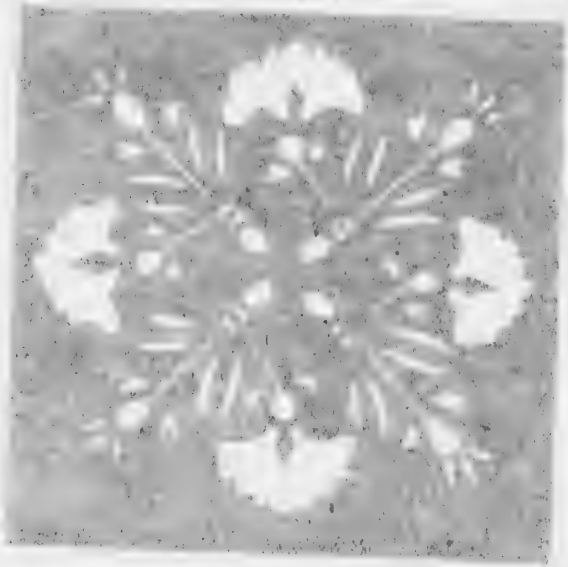
No. **30** Rosette, 5 x 5 inches, Ruby or Blue Ground, Pattern White . . . . . each, **$0 25**

No. 31.

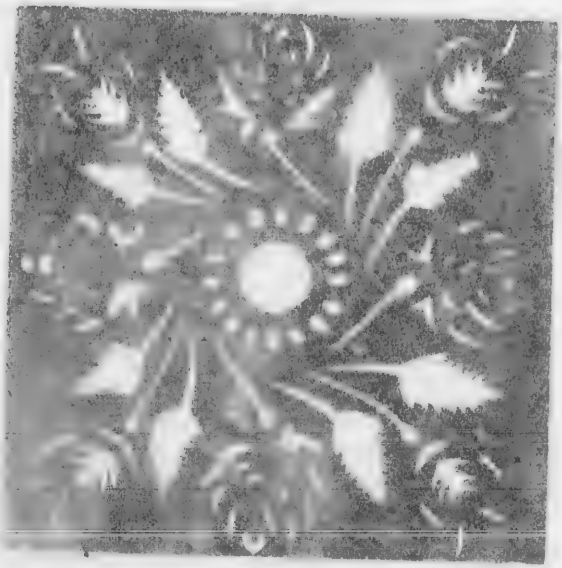
No. **31** Rosette, 5 x 5 inches, Blue or Ruby Ground, Pattern White . . . . . each, **$0 25**



ROSETTES FOR CORNER PIECES



No. 30 [illegible] $0.25



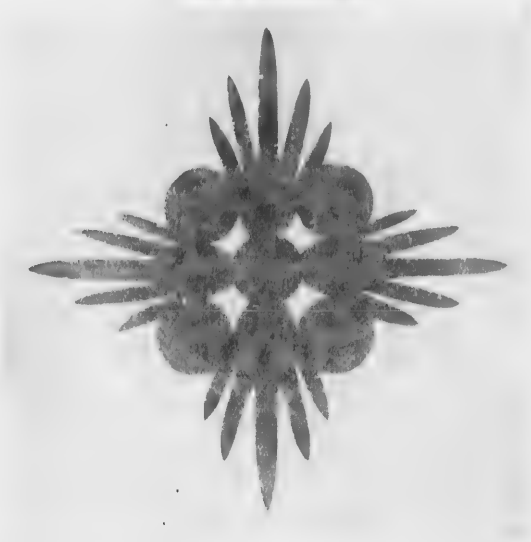
No. 31 [illegible] No. 31. [illegible] Pressed Wood [illegible]

No. 32

No. 33

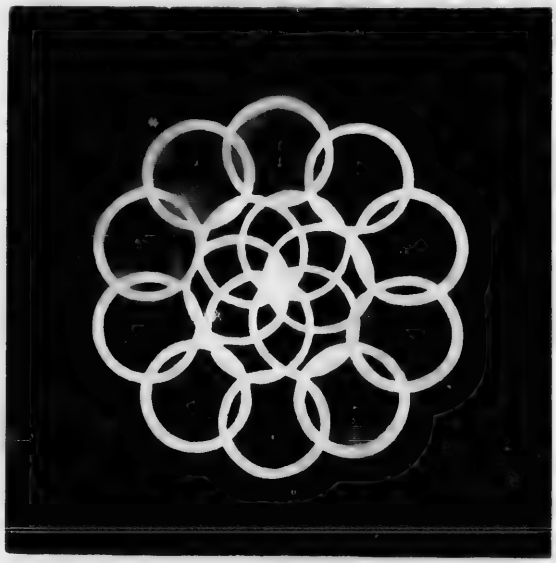
ROSETTES FOR CORNER PIECES

Patterns are shown exact Size.



No. 32.

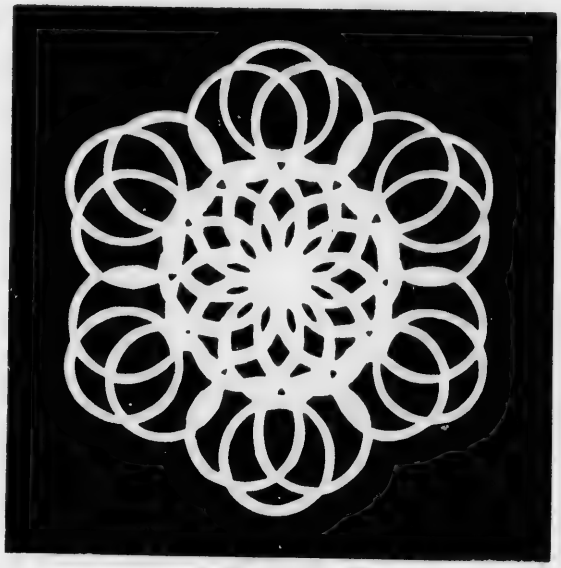
No. 32 Rosette, 5 x 5 inches, in Ruby or Blue Pattern, on obscured surface . . . . . each, $0 25



No 33.

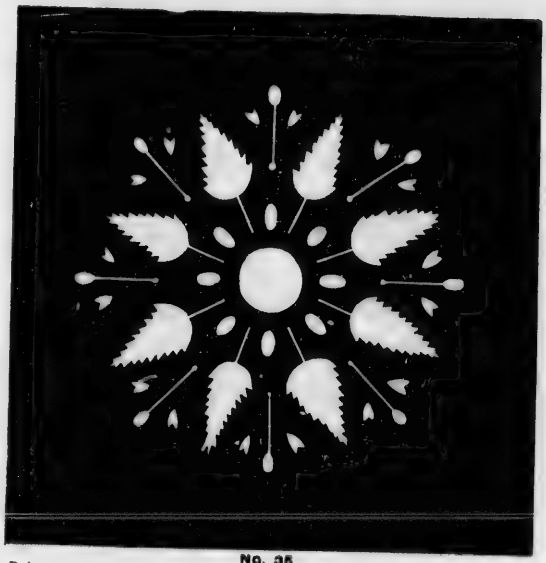
No. 33 Rosette, 5 x 5 inches, Blue or Ruby Ground, Pattern White . . . . . each, $0 25

ROSETTES FOR CORNER PIECES.



No. 34.

No **34** Rosette, 5 x 5 inches, Blue or Ruby Ground, Pattern White, ... each, **$0 25**

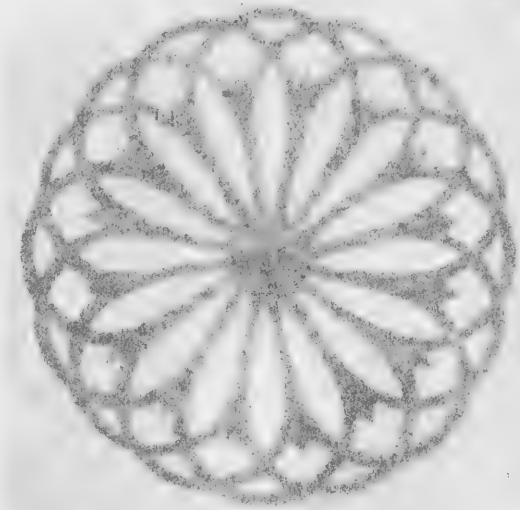


No. 35

No. **35** Rosette, 5 x 5 inches, Ruby or Blue Ground, Pattern White, ... each, **$0 25**

Patterns are shown exact Size.

MISCELLANEOUS CORNER PIECES

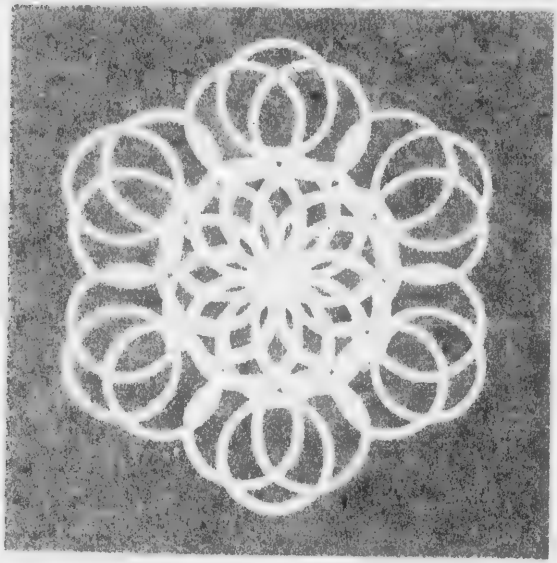


No. 36 [illegible] Pattern [illegible]

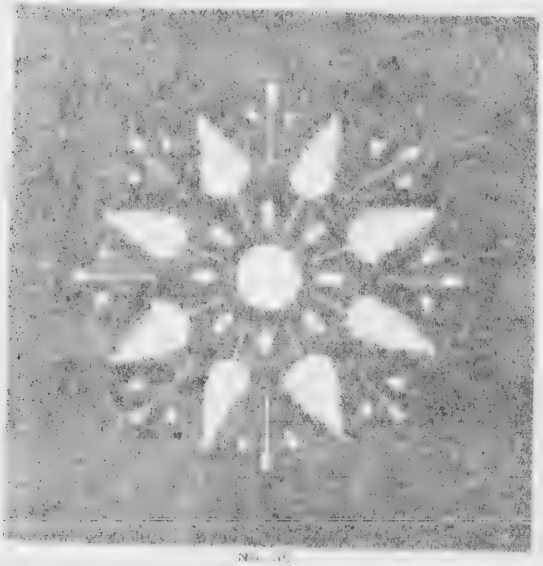
No. 37

No. 37 [illegible]

ROSETTES FOR CORNER PIECES.

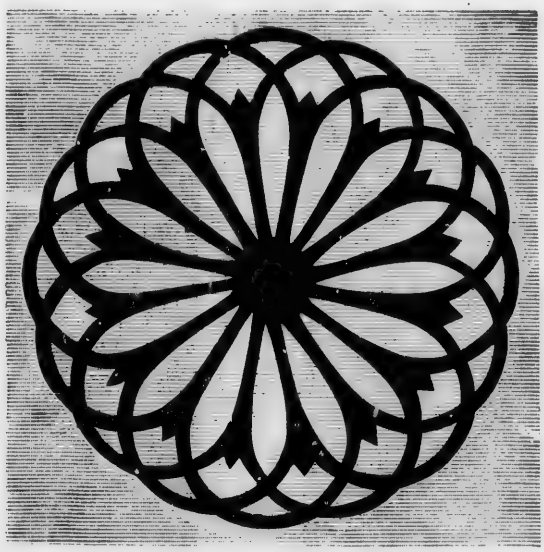


No. 98



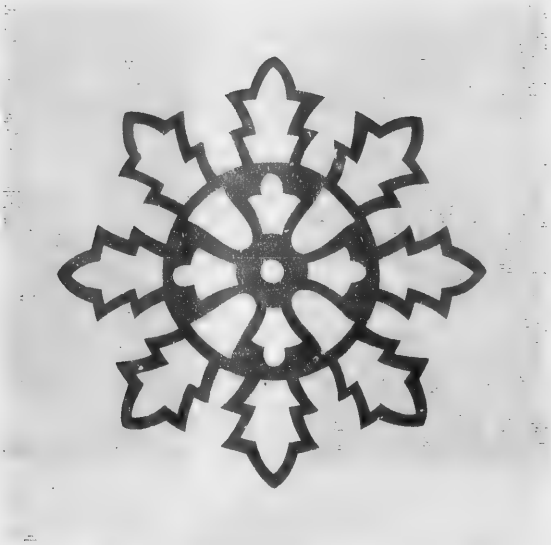
No. 99

ROSETTES FOR CORNER PIECES.



No. 36.

No. **36** Rosette, 5 x 5 inches, Blue or Ruby Pattern on Obscured Ground - - - - - - - each, **$0 25**



No. 37

No. **37** Rosette, 5 x 5 inches, Ruby or Blue Pattern on Obscured Ground - - - - - - - each, **$0 25**

Patterns are shown exact Size.

GLASS.

❋ DOOR + PANELS ❋

No. 60.
One-quarter Size Cut of Pattern.

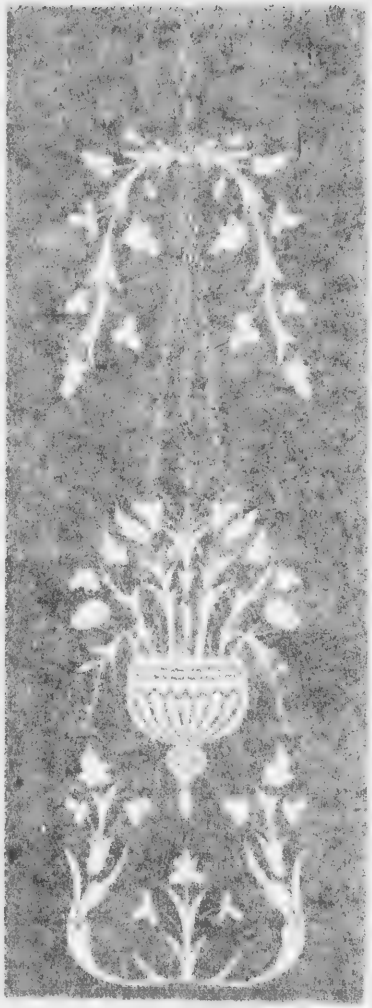
No. 61.
One-quarter Size Cut of Pattern.

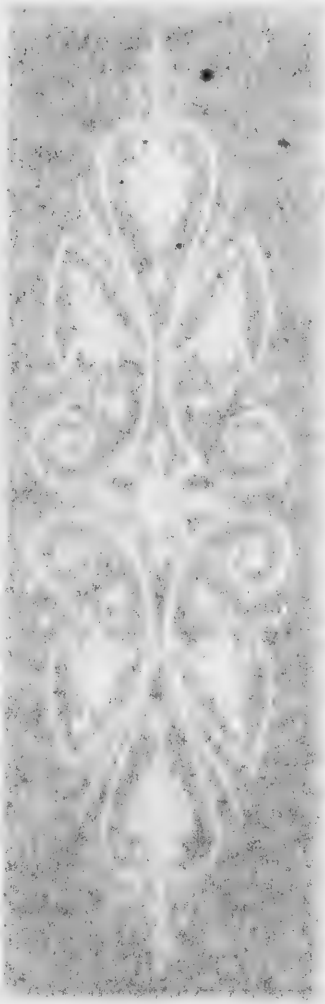
SIZES IN STOCK.

16 x 48, 16 x 44, 14 x 40, 14 x 38, 14 x 36, 14 x 34, 12 x 40, 12 x 38, 12 x 36, 12 x 34 inches.

No. **60**	Door Panel, Ruby or Blue Ground, Pattern in White	per square foot, **$1 25**
No. **61**	Door Panel, Blue or Ruby Ground, Pattern in White	per square foot, **1 25**

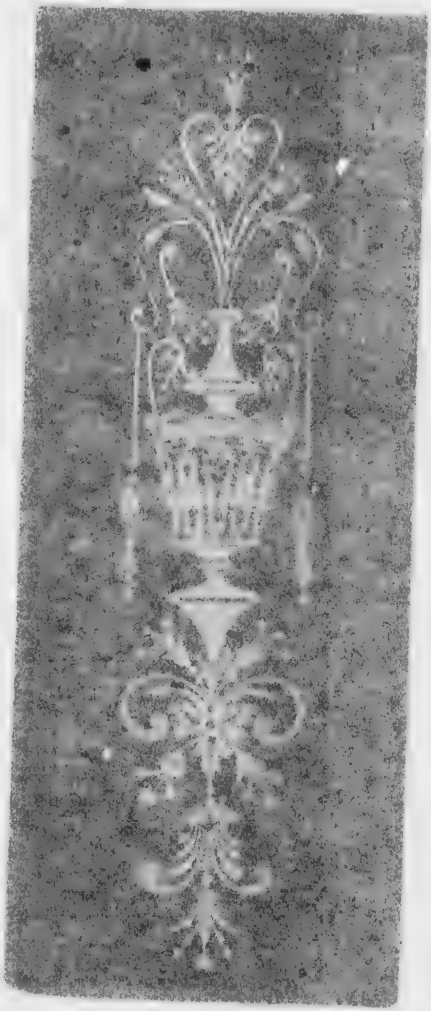
Any of the above can be cut shorter or narrower without spoiling the pattern.



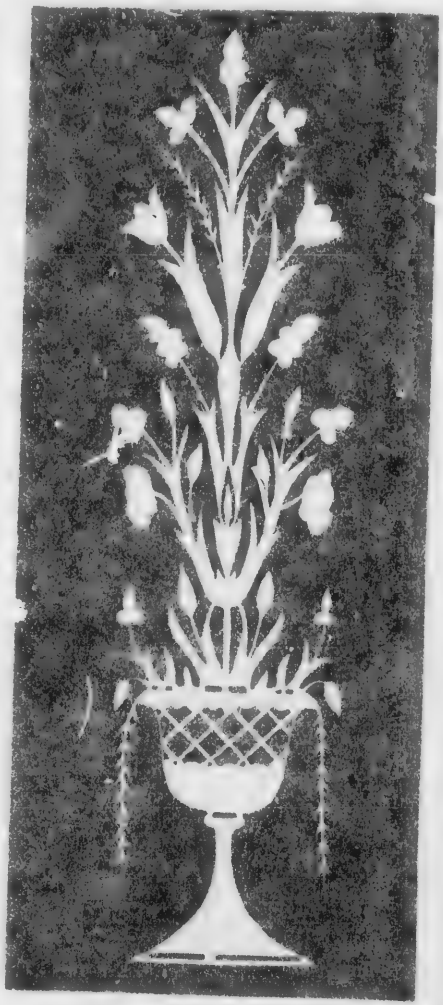


GLASS.

DOOR PANELS



No. 60.



No. 61.

[illegible] IN STOCK

[illegible]

No. 60 [illegible] per square foot, $1 25

No. 61 [illegible] per square foot, 1 25

[illegible] without spoiling the pattern

GLASS.

DOOR PANEL.

One-quarter Size Cut of Pattern.

No. 62.

For stock sizes of No. 62 see page 902.

DOOR PANEL OR FANLIGHT.

One-quarter Size Cut of Pattern.

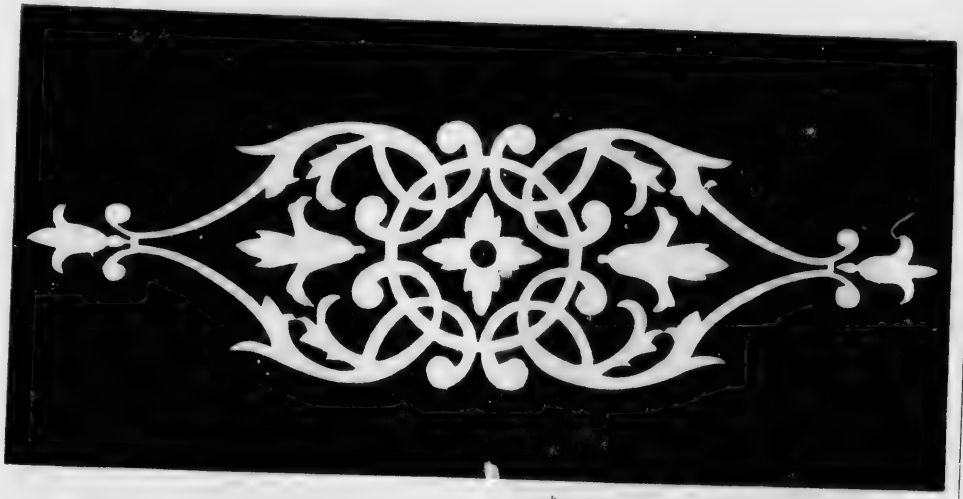
No. 70.

For stock sizes of No. 70 see page 904.

No. **62**	Door Panel, Blue or Ruby Ground, Pattern in White	per square foot, **$1 60**
No. **70**	Fanlight, Ruby or Blue Ground, Pattern in White	per square foot, **1 25**

FANLIGHTS.

One-quarter Size Cut of Pattern.



No. 71.

No. 71 Fanlight, Ruby or Blue Ground, Pattern in White . . . . . per square foot, $1 25

No. 72.

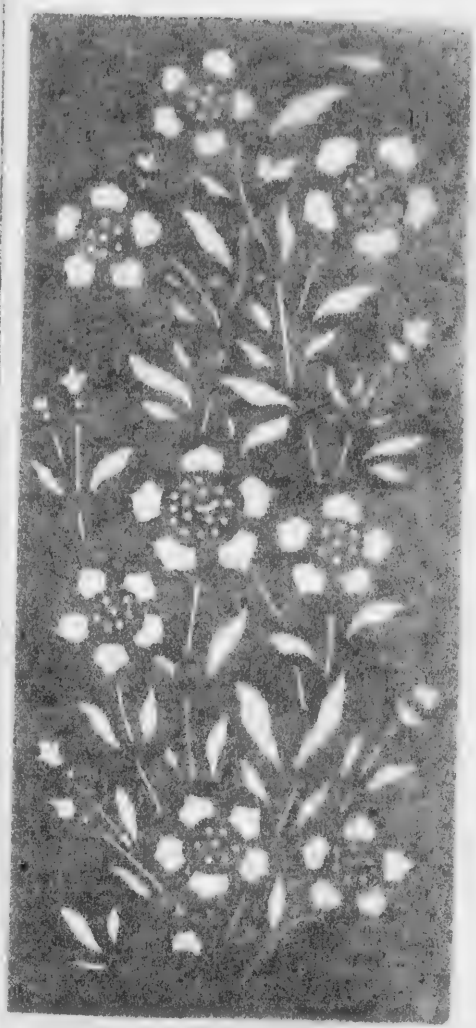
No. 72 Fanlight, Blue or Ruby Ground, Pattern in White . . . . . per square foot, $1 40

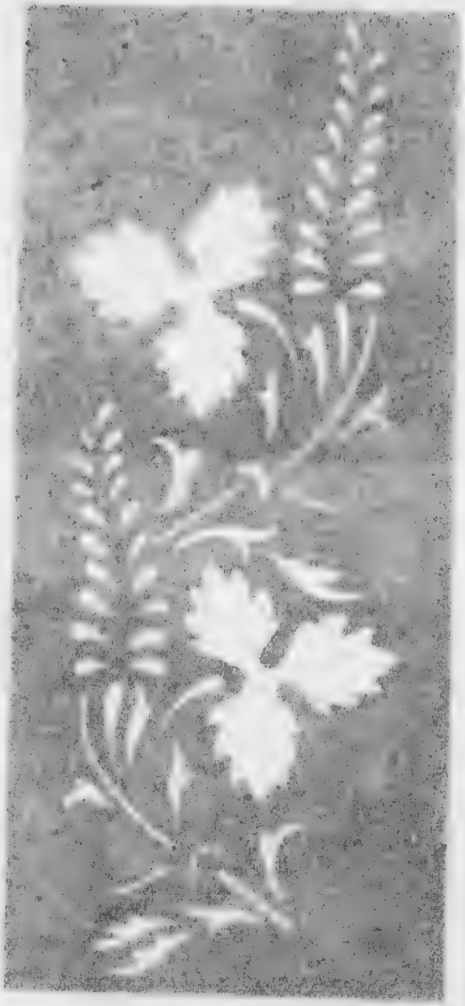
STOCK SIZES OF FANLIGHTS.

NOS. 70, 71 AND 72.

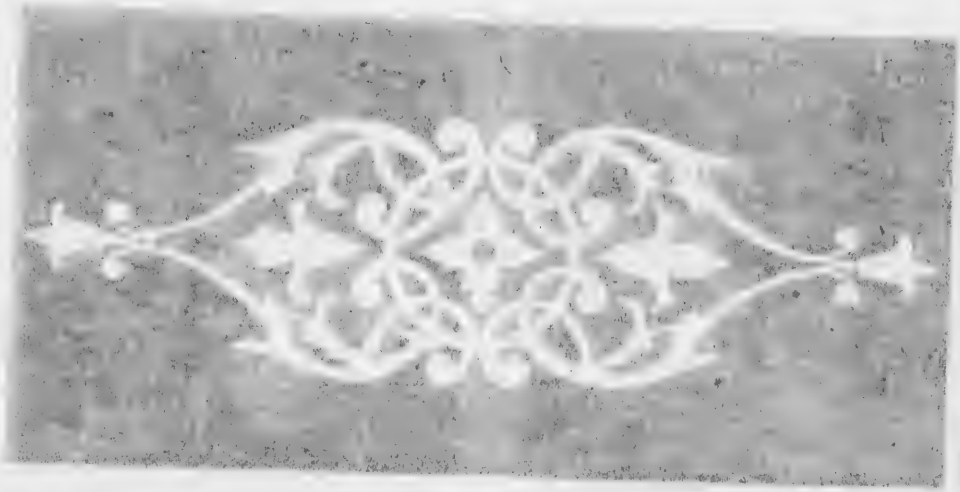
18 x 52, 18 x 48, 16 x 46, 16 x 44, 14 x 42, 14 x 40, 14 x 38, 14 x 36, 12 x 40, 12 x 36, 12 x 32.

BORDER [illegible] OF PANEL



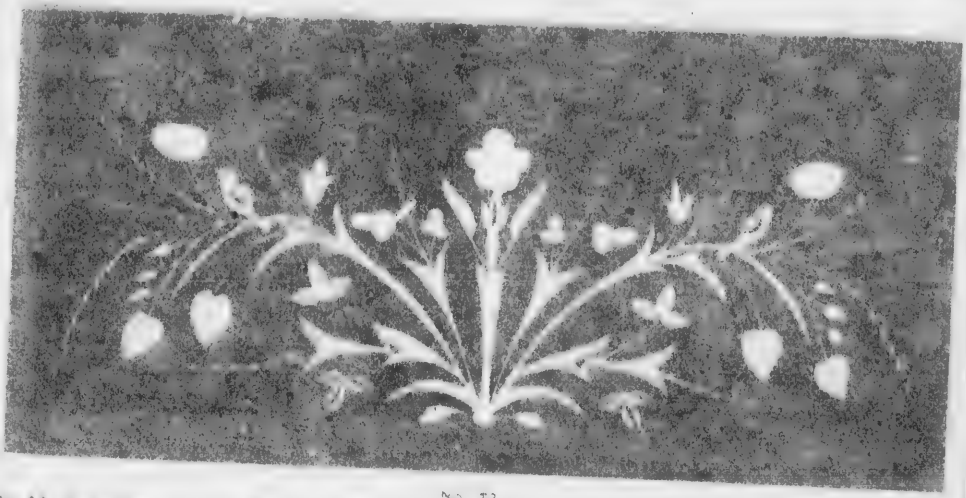


FANLIGHTS.



No. 71

No. 71 [illegible] Price per foot $1 25



No. 72

No. 72 [illegible] Price per foot $1 40

[illegible] FANLIGHT [illegible]

[illegible]

[illegible]

No. 50
No. 51

BORDERS OR SIDE PANELS

EXACT SIZE OF PATTERNS.

No. 50.

No. 51.

SIZES IN STOCK.

6 x 36, 6 x 40, 8 x 38, 8 x 40 inches.

No. **50**	Border, Blue or Ruby Ground, Pattern in White	per square foot, **$1 15**
No. **51**	Border, Ruby or Blue Ground, Pattern in White	per square foot, **1 15**

Any of the above may be cut shorter or narrower without spoiling the pattern

ORNAMENTAL GLASS

—FOR—

VESTIBULE DOORS, TRANSOMS, BANK AND OFFICE COUNTERS, ETC.

No. 73
Per square foot, $1.60.

No. 74
Per square foot, $1.75.

No. 75.
Per square foot, $2.00.

No. 76.
Per square foot, $2.10.

No. 77.
Per square foot, $2.75.

No. 78.
Per square foot, $2.25.

No. 80.
Per square foot, $2.25.

No. 79.
Per square foot, $2.75.

On this sheet the "colored parts" represent Clear Glass, and the "light parts" represent Ground Glass. The prices given are for Double Thick Glass and Ornamentation.

See page 890 for suggestions and explanations.

ORNAMENTAL GLASS

FOR VESTIBULE DOORS, TRANSOMS, BANK AND OFFICE COUNTERS, ETC.

No. 81.
Per square foot, $3.75.

No. 82.
Per square foot, $2.10.

No. 83.
Per square foot, $2.25.

No. 86.
Per square foot, $4.25.

No. 84.
Per square foot, $2.50

No. 87.
Per square foot, $2.15.

No. 85.
Per square foot, $1.40.

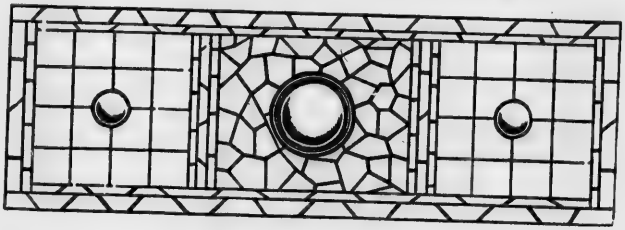
No. 88.
Per square foot, $4.25.

On this sheet the "colored parts" represent Clear Glass, and the "light parts" represent Ground Glass. The prices given are for Double Thick Glass and Ornamentation.

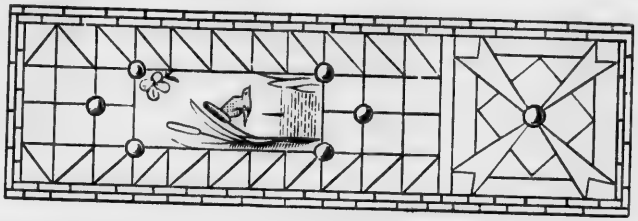
See page 890 for suggestions and explanations.

ORNAMENTAL LEADED GLASS

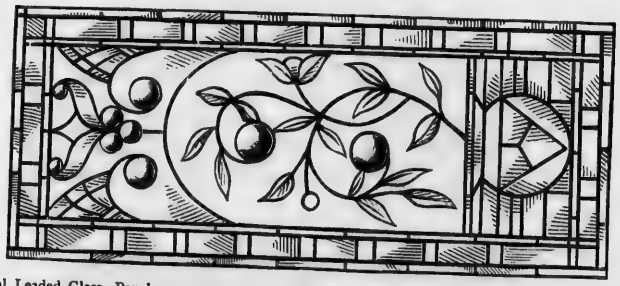
FOR DOOR PANELS, FANLIGHTS, ETC.



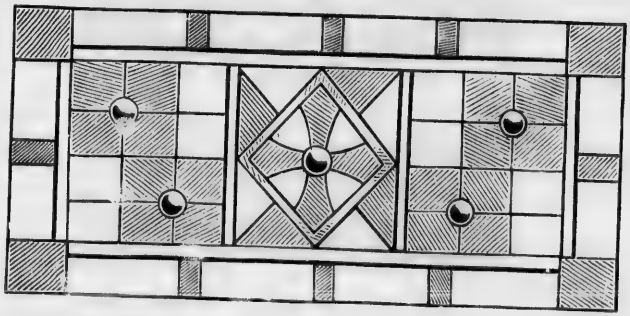
No. **100** Ornamental Leaded Glass, Panel or Fanlight . . . . . per square foot, **$1 40**



No. **102** Ornamental Leaded Glass, Panel . . . . . per square foot, **$1 75**



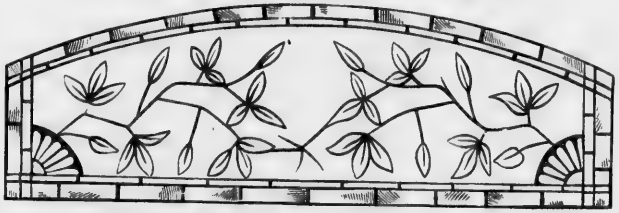
No. **103** Ornamental Leaded Glass, Panel . . . . . per square foot, **$1 60**



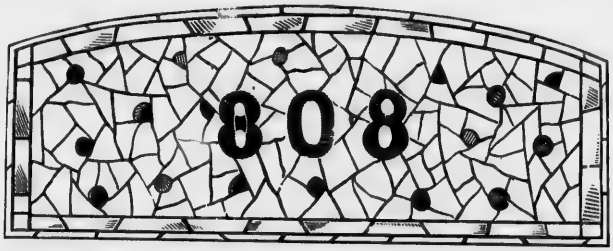
No. **104** Ornamental Leaded Glass, Panel or Fanlight . . . . . per square foot, **$1 40**

ORNAMENTAL LEADED GLASS

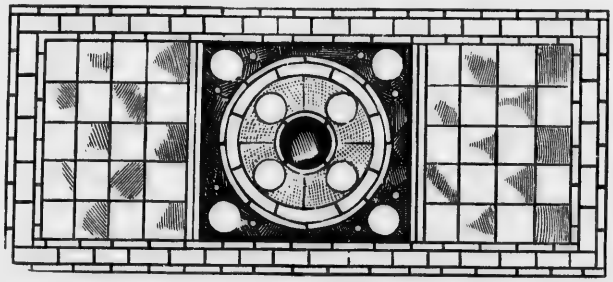
FOR DOOR PANELS, FANLIGHTS, ETC.



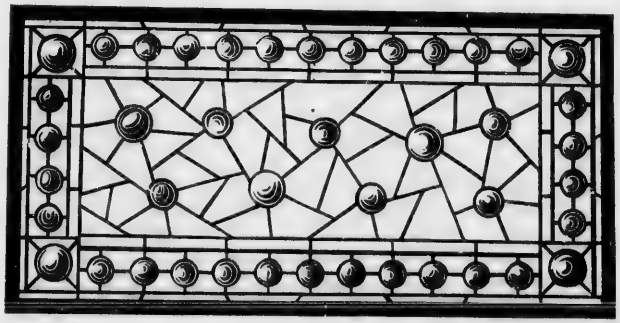
No. **105** Ornamental Leaded Fanlight, Etched Centre Piece . . . . . per square foot, **$1 60**



No. **106** Ornamental Leaded Fanlight . . . . . per square foot, **$1 75**



No **107** Ornamental Leaded Panel or Fanlight . . . . . per square foot, **$1 40**

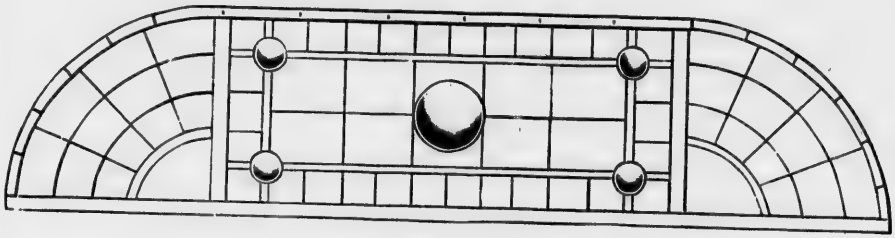


No. **108** Ornamental Leaded Fanlight . . . . . per square foot, **$2 15**

Designs shown on pages 908 and 909 are a few of our leading designs only. Can furnish any design or colors to suit purchasers. Write us for discounts before purchasing elsewhere. We are headquarters for Glass of every description.

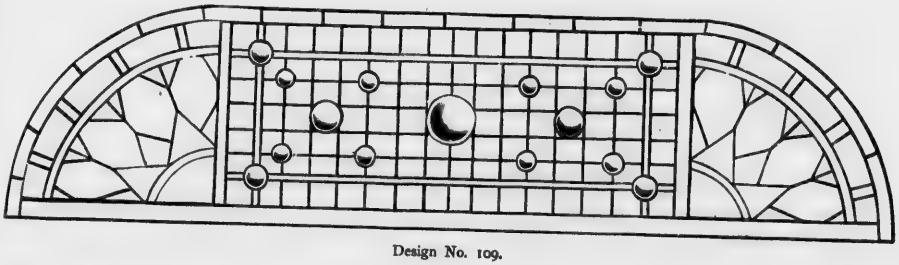
ORNAMENTAL LEADED GLASS

FOR STORE FRONTS.



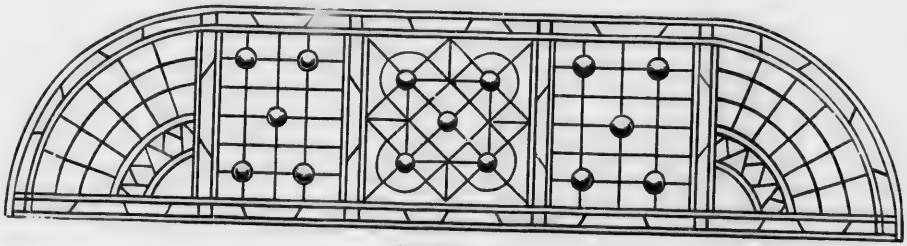
Design No. 108.

No. **108** Made to any size. For Store Fronts . . . . . per square foot, **$1 00**



Design No. 109.

No. **109** Made to any size. For Store Fronts . . . . . per square foot, **$1 20**

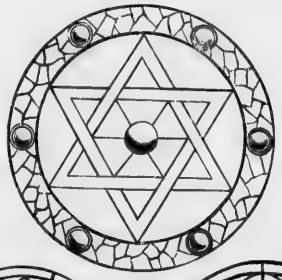


Design No. 110.

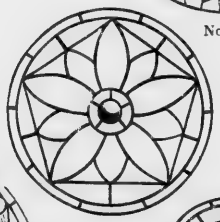
No. **110** Made to any size. For Store Fronts . . . . . per square foot, **$1 40**

Any other design submitted, made to order.

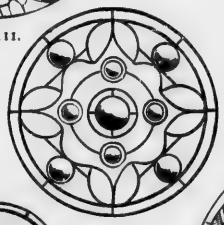
LEADED CHURCH WINDOW GLASS.



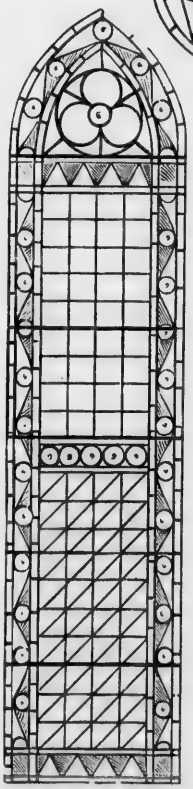
No. 111.



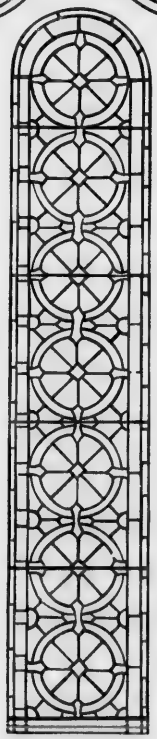
No. 112.



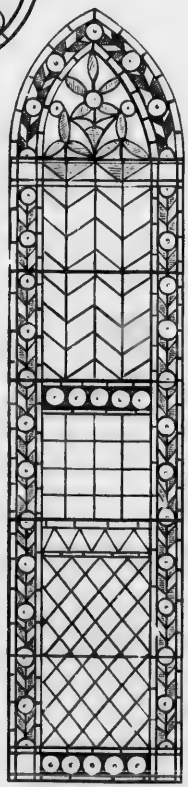
No. 113.



No. 114.



No. 115.

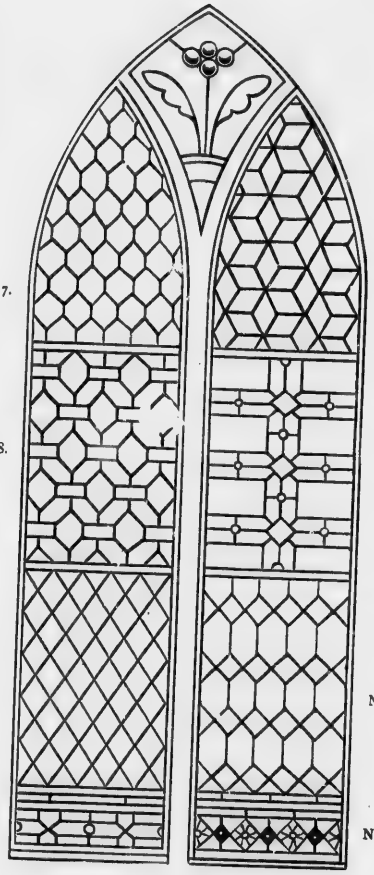


No. 116

Prices for above furnished on application.
Any other design submitted, made to order.

LEADED

CHURCH WINDOW GLASS



No. 117.

No. 118.

No. 119.

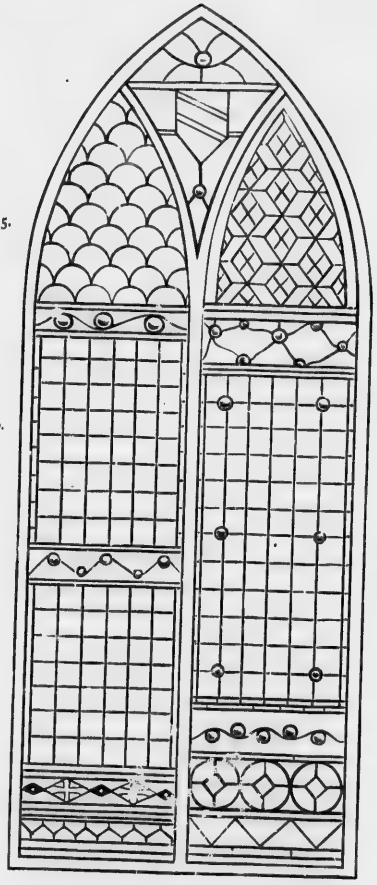
No. 120.

No. 121.

No. 122.

No. 123.

No. 124.



No. 125.

No. 126.

No. 127.

No. 128.

No. 129.

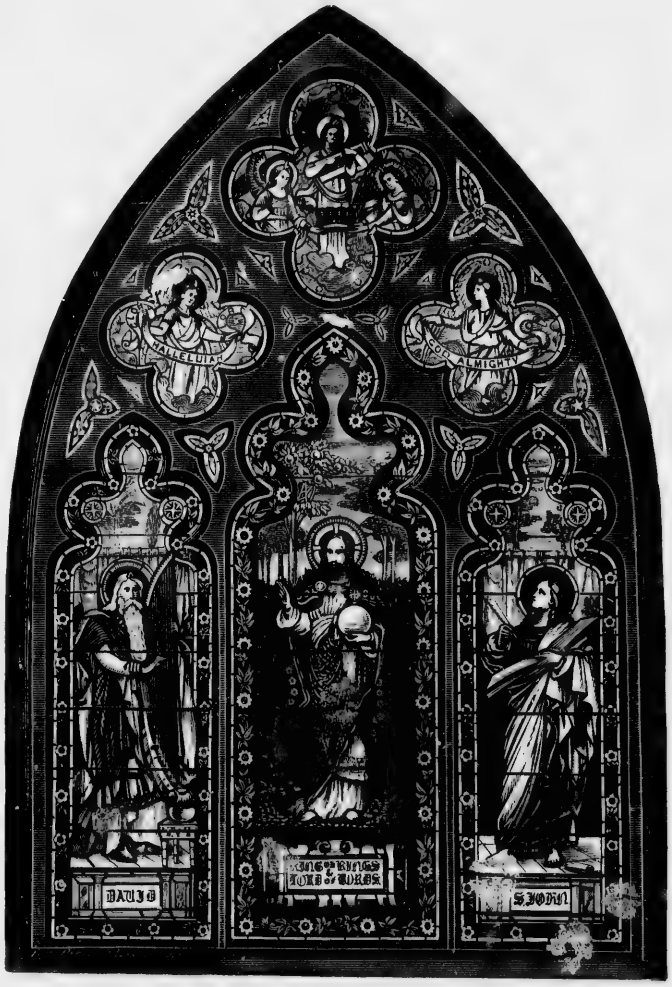
No. 130.

Estimates furnished for Church Windows made up in any of above patterns. Prices and full information given on receipt of sizes of windows and glass required. Write us before ordering. We are headquarters for every description of Glass. Specify pattern by number. Do not cut the book.

CHANCEL

AND

MEMORIAL WINDOWS



Design No. 300.

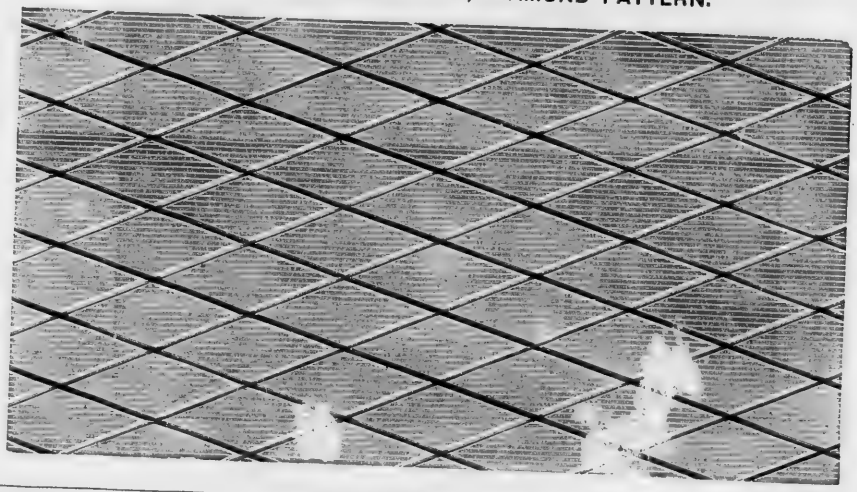
We make a specialty of Stained Glass Chancel and Memorial Windows. Any design submitted made to order. We will submit designs and estimates to parties requiring Church Windows. Write us before ordering.

GLASS.

ROLLED PLATE, PLAIN.

Description.	Per case 100 feet.	Per foot by the Sheet.	Per foot cut to Size.	Import Rate.
Rolled Plate, Plain, ⅛ inch	$15 00	$0 18	$0 25	
" " " ¼ "	30 00	37½	50	
" " Rough, ½ "	50 00	60	90	
" " " 1 "	...	.....	2 50	

QUARY, OR ROLLED PLATE, DIAMOND PATTERN.



Description.	Per case 100 feet.	Per foot by the Sheet.	Per foot cut to Size.	Import Rate.
Quary, Diamond (see pattern) ⅛ inch	$22 50	$0 27½	$0 32½	
" Small Pattern, ⅛ inch	34 00	40	50	
" Large Pattern, ⅛ inch	60 00	70	75	

ORNAMENTAL GLASS

NOT ELSEWHERE ILLUSTRATED OR DESCRIBED.

DESCRIPTION.	Per case 100 feet.	Per foot by the Sheet.	Per foot cut to Size.	Import Rate.
Obscured ..... 16 oz.	$10 00	$0 12	$0 16	
Obscured ..... 21 oz.	15 00	18	24	
Plain Ruby ..... 16 oz.	20 00	25	30	
" " ..... 21 oz.	30 00	37½	45	
" Green ..... 16 oz.	25 00	30	40	
" " ..... 21 oz.	37 50	45	60	
" Blue ..... 16 oz.	20 00	25	30	
" " ..... 21 oz.	30 00	37½	45	
" Purple ..... 16 oz.	20 00	25	30	
" " ..... 21 oz.	30 00	37½	45	
" Amber ..... 16 oz.	20 00	25	30	
" " ..... 21 oz.	30 00	37½	45	
Fluted Ruby ..... 16 oz	30 00	37½	45	
" " ..... 21 oz.	45 00	60	80	
" Green ..... 16 oz.	35 00	45	60	
" " ..... 21 oz.	50 00	70	90	
" Blue ..... 16 oz.	30 00	37½	45	
" " ..... 21 oz.	45 00	60	80	
" Purple ..... 16 oz.	30 00	37½	45	
" " ..... 21 oz.	45 00	60	80	
" Amber ..... 16 oz.	30 00	37½	45	
" " ..... 21 oz.	45 00	60	80	
FANCY NEW PROCESS GLASS.				
No. 1, Blue	25 50	33	40½	
" 2, Blue, Flashed	45 00	60	75	
" 3, Blue, Isby	52 50	67½	82½	
" 4, Blue, Ordinary	33 00	40½	55½	
" 5, Deep Yellow	37 50	45	60	
" 6, Ruby, Flashed	33 00	40½	55½	
" 7, Yellow, Special	45 00	56½	67½	
" 8, Yellow, Pale Ordinary	33 00	40½	55½	
" 9, White	22 50	30	37½	
" 10, Green, Light	25 50	33	40½	
" 11, Violet	40 50	52½	67½	
CATHEDRAL WHITE AND TINTS.				
No. 150, White	22 50	25	30	
" 151, Green, Pale				
" 152, Green, Medium				
" 153, Green, Dark				
" 154, Blue, Pale				
" 155, Blue, Light				
" 156, Blue, Medium				
" 157, Blue, Dark				
" 158, Amber				
" 159, Orange				
" 160, Magenta, Pale				
" 161, Magenta, Dark				
" 162, Violet, Pale				
" 163, Purple, Pale				
" 164, Purple				
MUFFLED TINTS.				
No. 200, White	27 50	35	40	
" 201, Ruby	77 50	85	1 00	
" 202, Amber, Pale	32 50	40	50	
" 203, Amber				
" 204, Lemon				
" 205, Light Olive				
" 206, Olive				
" 207, Light Green				
" 208, Green				
" 209, Dark Green				
" 210, Pale Blue				
" 211, Light Blue				
" 212, Ultra. Blue				
" 213, Purple				
" 214, Pink				
" 215, Pale Pink				
" 216, Violet				
" 217, Light Violet				
" 218, Pale Magenta				
" 219, Magenta				
" 220, Japanese Brown				
" 221, Mongolian Brown				

Usual sizes of New Process Glass 26 to 30 x 30 to 36; larger sizes extra. Samples of Fancy and Colored Glass sent by mail on application.

A special discount allowed to the Trade.

MIRROR PLATES

OUR OWN SILVERING.

Stock Sizes.

20 x 40	each, $
20 x 48	each,
20 x 60	each,
24 x 30	each,
24 x 36	each,
24 x 48	each,
24 x 60	each,
24 x 72	each,
26 x 40	each,

Stock Sizes.

28 x 34	each, $
28 x 44	each,
30 x 36	each,
30 x 40	each,
30 x 48	each,
30 x 60	each,
30 x 72	each,
30 x 84	each,

Stock Sizes.

36 x 36	each, $
36 x 46	each,
36 x 60	each,
36 x 72	each,
36 x 90	each,
40 x 50	each,
48 x 60	each,
54 x 72	each,

Sizes not on above list "silvered" to order.

BEST GERMAN MIRROR PLATES.

STOCK SIZES.

Size.	No. of Plates in Box.	Price.
8½ x 10½	30	each, $
9 x 10	30	each,
10 x 14	30	each,
10½ x 17	30	each,
12 x 18	25	each,
12 x 20	25	each,
13 x 22	20	each,
14 x 24	20	each,
15 x 26	16	each,
16 x 28	16	each,
18 x 30	14	each,
18 x 36	10	each,
18 x 40	10	each,
20 x 26	12	each,
20 x 28	12	each,

Size.	No. of Plates in Box.	Price.
20 x 32	12	each, $
20 x 34	10	each,
20 x 36	10	each,
20 x 40	10	each,
20 x 48	8	each,
22 x 26	12	each,
22 x 28	12	each,
22 x 30	12	each,
22 x 48	8	each,
24 x 30	10	each,
24 x 36	10	each,
24 x 48	8	each,
26 x 40	8	each,
28 x 34	8	each,

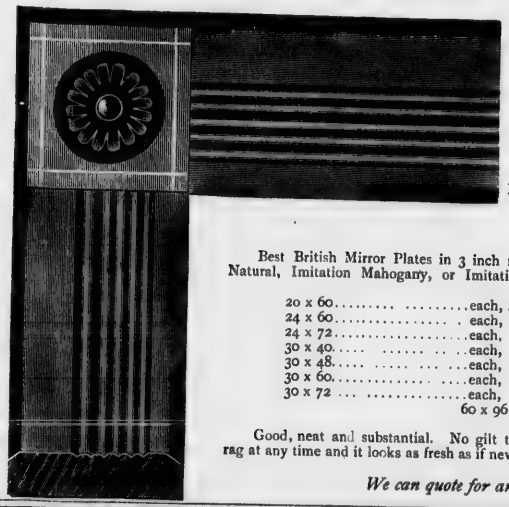
Mirror Plates bevelled to order.

SHOCK MIRROR PLATES.

SILVERED ON BEST WHITE BELGIAN GLASS.

Size.	No. of Plates in Box.	Price.
8 x 10	30	each, $
8½ x 10½	30	each,
9 x 12	30	each,
10 x 14	30	each,

Size.	No. of Plates in Box.	Price.
10½ x 17	30	each, $
12 x 18	20	each,
12 x 20	20	each,
14 x 24	20	each,



SHOW ROOM MIRRORS.

FOR MILLINERY, DRESSMAKING, TAILORING OR DRY GOODS SHOW ROOMS, ETC.

Best British Mirror Plates in 3 inch reeded moulding of Walnut, Oak or Cherry in its various finishes, Natural, Imitation Mahogany, or Imitation Ebony.

20 x 60	each, $15 00
24 x 60	each, 16 85
24 x 72	each, 20 00
30 x 40	each, 15 00
30 x 48	each, 16 85
30 x 60	each, 20 00
30 x 72	each, 22 50

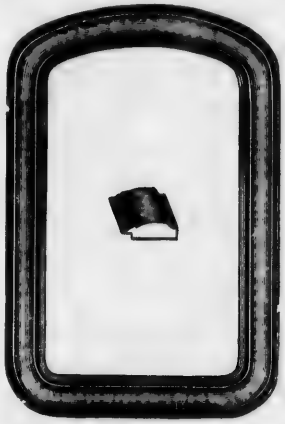
36 x 40	each, $16 85
36 x 46	each, 18 75
36 x 60	each, 22 50
36 x 72	each, 26 25
40 x 50	each, 21 25
48 x 60	each, 30 00
54 x 72	each, 40 00

60 x 96 ..... each, $58.75.

Good, neat and substantial. No gilt to tarnish or get destroyed in cleaning. Rub the frame with an oiled rag at any time and it looks as fresh as if new.

We can quote for any size up to 96 x 120 to fit special spaces.

MIRRORS



ARCH TOP MIRRORS.

IMITATION SATIN WOOD FRAME, 1¾ INCH WIDE.

SIZE.	PER DOZEN.
7 x 9	$ 3 75
8 x 10	4 20
9 x 12	5 00
10 x 14	6 00
10½ x 17	7 75
12 x 18	8 35
12 x 20	9 00
14 x 24	12 75

FANCY TOP MIRRORS.

CALIFORNIA WALNUT. GILT LINES.

12 x 20 inch	per dozen, $12 00
14 x 24 inch	per dozen, 15 00

LOUISE MIRRORS

¾ INCH BLACK AND WHITE ENAMELLED FRAMES.

Size, inches,	4 x 6	5 x 7	6 x 9	7 x 9	8 x 10	9 x 12	10 x 14
Per dozen,	$1 35	1 50	2 00	2 15	2 85	3 20	3 75

X. L. MIRRORS.

1 INCH STAINED PINE FRAMES.

Size, inches,	4 x 6	5 x 7	6 x 9	7 x 9	8 x 10	9 x 12	10 x 14
Per dozen,	$1 10	1 20	1 55	1 80	2 10	2 65	3 05

"BUFFALO"

LIQUID COLORS

THE BEST IN THE WORLD.

NO CHEMICAL COMBINATION, BENZINE OR SOAP MIXTURE.

WARRANTED PURE LINSEED OIL PAINTS.

Ready for application without other manipulation than simply stirring with a stick to render the mass of like consistancy.

We present the shades of our "Buffalo" Liquid Colors on pages 919 and 921, representing 32 of the latest artistic shades. These colors are put up in packages of various sizes from a barrel of 45 gallons down to as small a quantity as one pound at the following prices.

PRICES.

		Ordinary Colors.	French Green, Blue and Bright Red.
Barrels	per imperial gallon,	$1 80	$2 60
Kegs and 5-gallon Buckets	" "	1 90	2 65
1 Gallon Cans, packed 6 in a case	" "	2 00	2 75
½ " " " 12 "	" "	2 10	2 85
¼ " " " 24 "	" "	2 20	3 00
1 and 2 lb. Tins, 100 lbs. in a case	per lb.,	18	25

To estimate the covering capacity: One imperial gallon will give two coats on 265 square feet of wood surface. Allow for gable ends, if any.

To estimate the amount of paint required: add the number of feet in width of front and rear to the number of feet in length of building (both sides), multiply by the average height, and divide by 265 for two coats:

[Example]

Front,	28 feet.
Rear,	28 "
Side,	36 "
Side,	36 "
	128 "
Multiply by height,	23 "

265).2944 (11 1/10 gallons for 2 coats.

DIRECTIONS.

Stir the paint thoroughly from the bottom before using.

For priming, use the paint of medium thickness; size all knots or sappy portions with shellac.

Putty all nail holes, etc., after first coat.

Let first coat get thoroughly hard before applying second.

Do not apply paint when the work is wet or damp.

Do not spread or brush paint too much; it only requires to be spread evenly.

Use full brush and light hand.

If too thick, thin with boiled oil.

If no gloss is desired use turpentine.

S

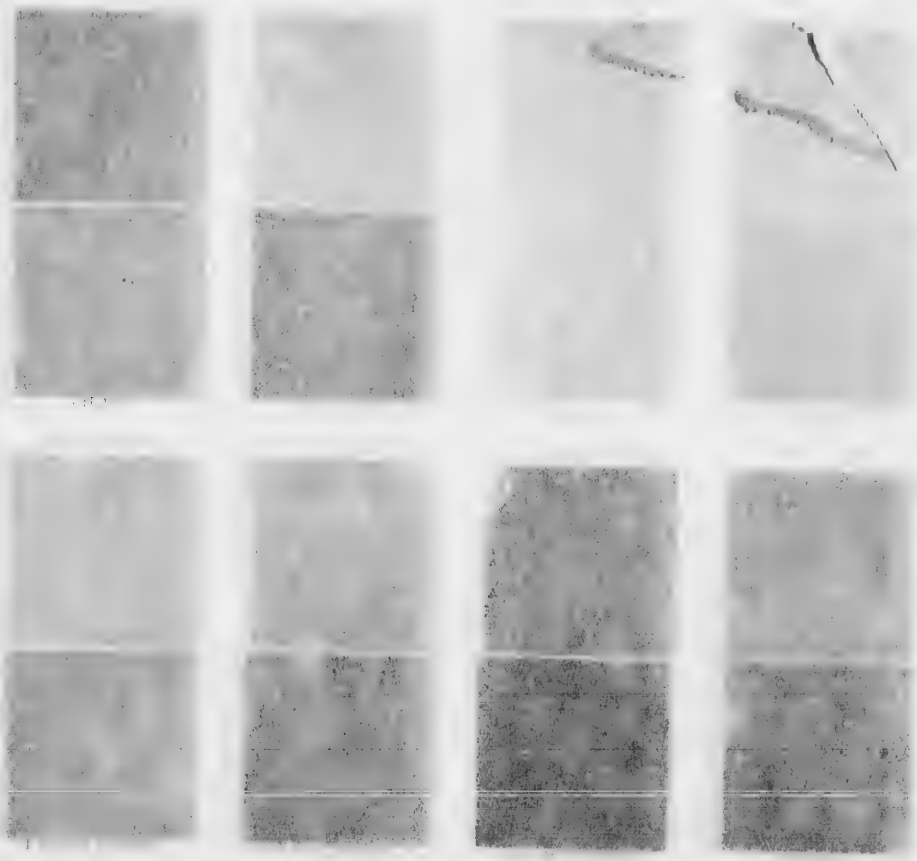
test artistic
a quantity

reen, Blue and
ght Red.
2 60
2 65
2 75
2 85
3 00
25
d surface.

coats.

THE BUFFALO HOOD COLORS.

WARRANTED PURE LINSEED OIL PAINTS.



"BUFFALO"

LIQUID COLORS

THE BEST IN THE WORLD.

[illegible] GALLON, [illegible] SOAP DIVIDED

[illegible]

Ready for application [illegible] *other manufacturers* [illegible] *ready* [illegible] *ering* [illegible] *a stick*
to [illegible]

We **present the shades** [illegible] Liquid Colors [illegible] representing [illegible] of the latest artisti[illegible] **These** colors are [illegible] gallon. [illegible] as small a quantity [illegible] **pound** at [illegible]

PRIC[illegible]

Barrels	[illegible]	French Green, Blue [illegible] Bright Red.
[illegible]	[illegible]	$2 60
5 Gallon Cans, packed [illegible]	[illegible]	2 [illegible]5
[illegible]	[illegible]	2 [illegible]5
[illegible]	[illegible]	[illegible]
1 and 2 [illegible] Pins, [illegible]	20	3 00
[illegible]	18	25

To estimate the [illegible] One [illegible]eral gallon [illegible] 265 square feet of wood surface. Allow for gable ends, [illegible]

[illegible] add [illegible] to the [illegible] sides), multiply [illegible] aver[illegible] height, and divide by 265 for two coats.

[illegible]	[illegible]
[illegible]	28 "
[illegible]	36 "
[illegible] sides,	36 "
	128 "
[illegible] height,	25 "
	[illegible]

[illegible] gallons for 2 coats.

DIRECT[illegible]

Stir the paint thoroughly from the bottom before using.

For priming, use the paint of medium thickness; size all knots or sappy portions with shellac.

Putty all nail holes, etc., after first coat.

Let first coat get thoroughly hard before applying second.

Do not apply paint when the work is wet or damp.

Do not spread or brush paint too much; it only requires to be spread evenly.

Use full brush and light hand.

If too thick, thin with linseed oil.

If no gloss is desired use turpentine.

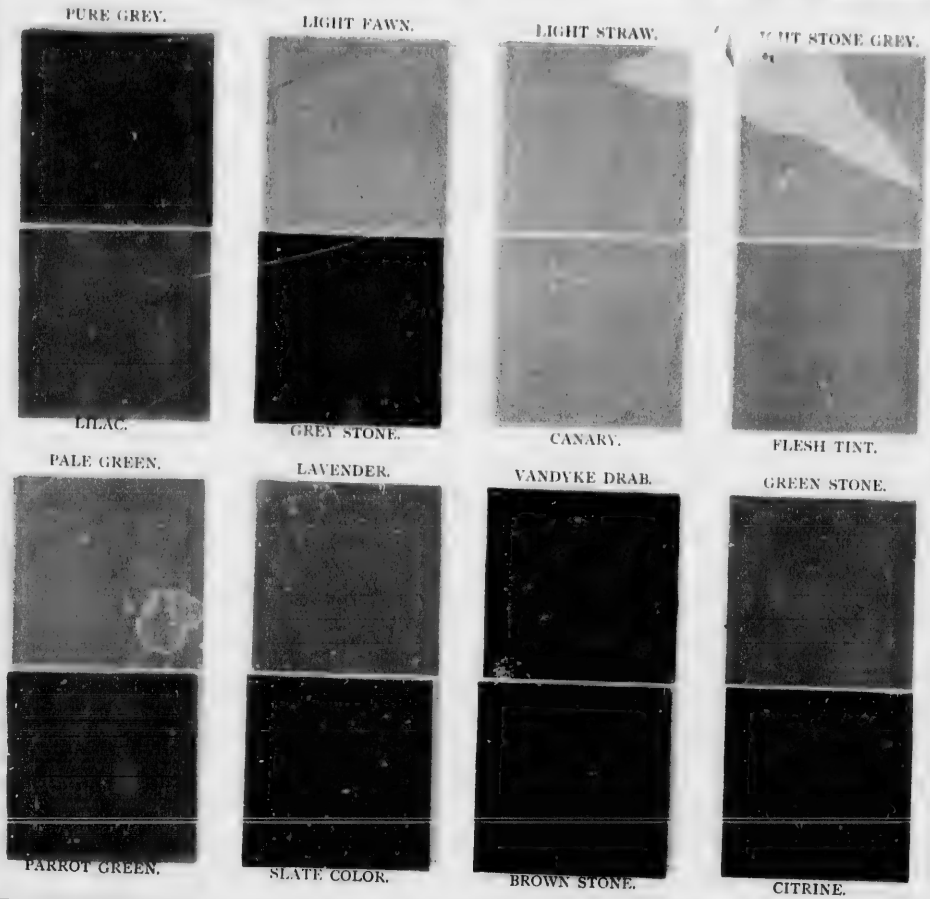
THE BUFFALO LIQUID COLORS.

THE BEST IN THE WORLD

MIXED READY FOR USE

TRADE MARK

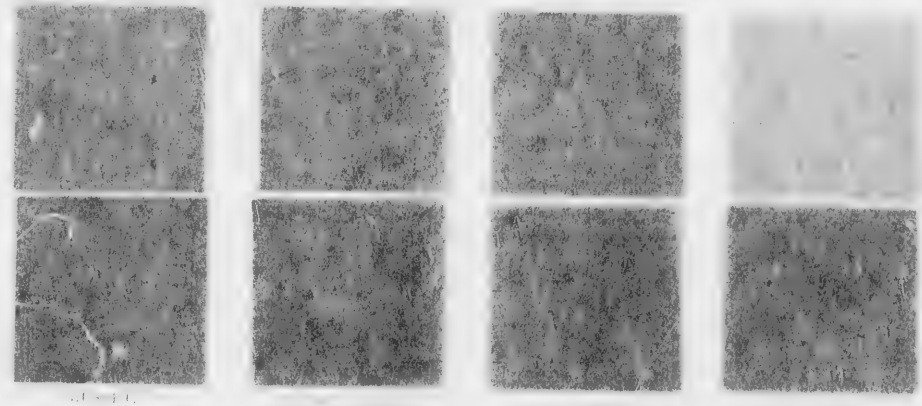
WARRANTED PURE LINSEED OIL PAINTS.

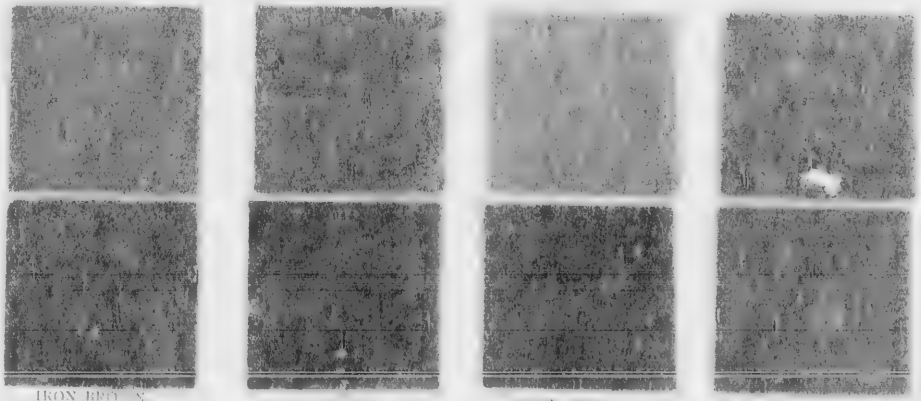


Free Press Printing Co., London, Ont.

THE BUFFALO LIQUID MIXED COLORS

WARRANTED PURE LINSEED OIL PAINTS





IRON RED

OUTSIDE WHITE INSIDE WHITE BLACK

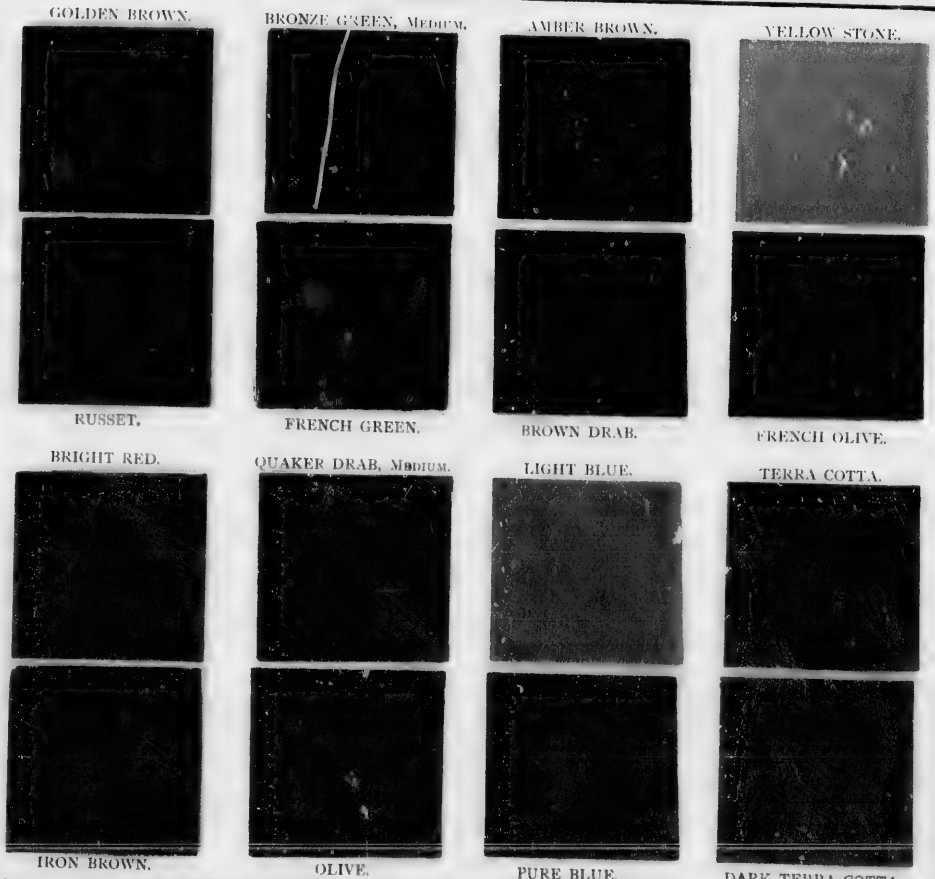
Free Press Printing Co. Detroit

THE BUFFALO LIQUID COLORS.

THE BEST IN THE WORLD

MIXED READY FOR USE

WARRANTED PURE LINSEED OIL PAINTS.



OUTSIDE WHITE. — INSIDE WHITE. — BLACK.

Free Press Printing Co., London, Ont.

JOHNSON'S

PREPARED ALSOMINE

IN ARTISTIC SHADES FOR TINTING WALLS.

1

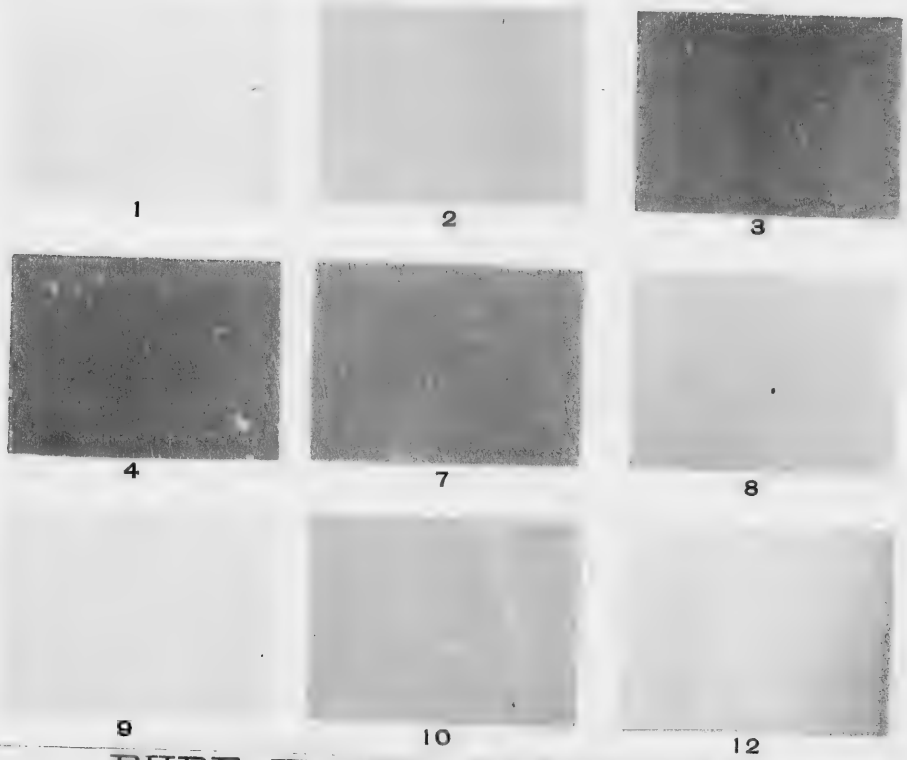
2

4

3

JOHNSON'S PREPARED KALSOMINE

IN ARTISTIC SHADES FOR TINTING WALLS.



PURE WHITE KALSOMINE.

DIRECTIONS FOR USE.

To six pounds of PREPARED KALSOMINE add three pints of boiling water, and stir the mixture till it is thoroughly dissolved and free from lumps; let it cool, then add another three pints of cold water, and stir well again until quite cool, when it will be ready to apply.

PUT UP IN 6-LB. PACKAGES. 10 PACKAGES IN A CASE.

One 6-lb. Package will Tint and Cover 400 square feet.

Free Press Printing Co., London, Ont.

Veneti
Yellow
Black
Brown

Paste
Paste
Paste

Liquid
Liquid

In 25

In 25

In 25

In 25
In tins

In 25 l

In 25 l

In 25 l

In 25 lb

In 25 lb

COLORED PAINTS

IN 25 LB. IRONS.

Venetian Red	per iron, $	Ochre Paint, Spruce	per iron, $
Yellow Paint	per iron,	Blue Paint	per iron,
Black Paint	per iron,	Green Paint	per iron,
Brown Paint	per iron.	Ochre Paint, Golden	per iron,

HOBBS

OXIDE OF IRON PAINT

PLUM COLOR AND PURPLE OXIDE, MIXED IN OIL.

Used largely for Window Blinds, Iron or Shingle Roofs, or for any purpose where a water and weather-proof paint is required.

Paste Form, in 25 lb. irons	per lb., $
Paste Form, in 100 lb. kegs	per lb.,
Paste Form, in 600 lb. casks	per lb.,

MIXED READY FOR USE.

Liquid Form, in 1 gall. tins	$
Liquid Form, in 42 gall. barrels	

WHITE LEAD

HARDWARE CO.

CHEMICALLY PURE (C. P.)

In 25 lb. irons - per 100 lbs., $ | In 100 or 200 lb. kegs per 100 lbs., $

PAINTERS' PURE (P. P.)

In 25 lb. irons - per 100 lbs., $ | In 100 or 200 lb. kegs - per 100 lbs., $

GENUINE.

In 25 lb. irons - per 100 lbs., $ | In 100 or 200 lb. kegs per 100 lbs., $

"OUR OWN," No. 1.

In 25 lb. irons - per 100 lbs., $ | In 100 lb kegs - per 100 lbs., $
In tins of 1, 2, 3, 4, 5 and 10 lbs., assorted in case of 100 lbs. - per 100 lbs.,

NEWCASTLE.

In 25 lb. pails, 4 pails in case (free of charge) - per case, $

JAMES' GENUINE.

In 25 lb. kegs....per 100 lbs, $ | In 100 lb. kegs....per keg, $ | In 3 cwt. firkins....per 100 lbs., $

JAMES' No. 1.

In 25 lb. kegs....per 100 lbs., $ | In 100 lb. kegs....per keg, $ | In 3 cwt. firkins....per 100 lbs., $

ZINC PAINTS

LONDON

PURE WHITE ZINC.

In 25 lb. irons - per 100 lbs., $ | In 100 lb. kegs - per 100 lbs., $

GENUINE WHITE ZINC.

In 25 lb. irons - per 100 lbs., $ | In 100 lb. kegs - per 100 lbs., $

JOHNSON'S PURE COLORS

GROUND IN OIL.

WARRANTED SUPERIOR TO ANY PAINTS IN THE MARKET.

	ASSORTED CANS.	
Raw and Burnt Umber	per lb.,	$0.18
Raw and Burnt Sienna	"	.20
Vandyke Brown	"	.20
Refined Lamp Black	"	.16
Coach Black	"	[illegible]
Sign Writers' Black	"	.25
Ivory Black	"	.25
Drop Black	"	.25
Lettering Black	"	.25
Prussian Blue	"	.50
Ultramarine Blue	"	.25
Chinese Blue	"	.50
Azure Blue	"	.40
Chrome Green, L, M and D	"	.18
French Permanent Green, L, M and D	"	.20
Ever Green	"	.25
Paris Green	"	.25
Quaker or Olive Green, L & D, and E & D.	"	.25
Bronze Green, L, M and D	"	.25
Indian Red	"	.20
Venetian Red (in 100 lb. kegs [illegible]	"	.12
Tuscan Red	"	.28

	ASSORTED CANS.	
Royal Red	per lb.,	$0.13
Western Red	"	.50
American Vermilion, L and D	"	.25
Rose Pink	"	.35
Chrome Yellow, L, M, O and DO	"	.25
Yellow Ochre, (in 100 lb. kegs, 11c)	"	.12
Golden Ochre	"	.20
Spruce Ochre	"	.15
Oxford Ochre	"	.15
Flake White	"	.25
Patent Dryer	"	.08
Wine Color, L and D	"	.35
OJ, Vermilionette	"	.35
OJX, "	"	.30
OJXX, "	"	25
Graining Colors, Light Oak; " " Dark Oak; " " Walnut; " " Chestnut; " " Ash	"	.20
Wood Filler	"	.20
Distemper Colors, 1 lb. bottles	"	.20

COLORS IN OIL

IN SMALL TINS.

	ASSORTED CANS.	
Raw and Burnt Umber	per lb.,	$0.10
Raw and Burnt Sienna	"	.10
Vandyke Brown	"	.10
Drop Black	"	.15
Black Paint	"	.10
Coach Black	"	.15
Prussian Blue	"	.28
Ultramarine Blue	"	.18
Blue Paint	"	.12
Chrome Green, L, M and D	"	.12
Brunswick Green	"	.12
Paris Green	"	.14
Indian Red	"	.16
Venetian Red	"	.10
American Vermilion	"	.18
Chrome Yellow, L, M, O and DO	"	.18
Yellow Ochre	"	.10
French Chrome Yellow, L, M, D and DO	"	.10
Brown Paint	"	.10
Spruce Ochre	"	.10
Rose Pink	"	.16

All the above Colors put up in 25 lb. irons at a reduction of 2c. per lb.

JOHNSON'S

SUPERFINE COACH PAINTERS' COLORS

FOR

COACH, CARRIAGE AND CAR WORK.

THESE COLORS ARE GROUND IN JAPAN, AND WILL DRY AT ONCE.

Ivory Jet Black	per lb.,	$0.55
Ivory Black	"	.45
Coach Painters' Drop Black	"	.35
Lamp Black	"	.30
Wine Color, L and D	"	.35
Tuscan Red	"	.75
Royal Red	"	.25
Indian Red	"	.40
Western Red	"	.70
American Vermilion, L and D	"	.50
Eureka Vermilion	"	.75
English Vermilion, L and D (subject to fluctuation)	"	
Rose Pink	"	.50
Raw and Burnt Turkey Umber	"	.35
Vandyke Brown	"	.45
Amber Brown	"	.75
Portland Brown	"	.60
Portland Amber	"	.75
Baldwin Brown	"	.65
Raw and Burnt Italian Sienna	"	.37
Chinese Blue	"	1.25
Ultramarine Blue	"	1.00
Prussian Blue	"	1.25
Cobalt Blue	"	2.50
Perfect Blue	"	2.00

Azure Blue	per lb.,	$0.90
Silver White	"	.36
Flake White	"	.50
Cremnitz White	"	.50
Quaker Green, L, M and D	"	.50
Coach Painters' Green, L, M and D	"	.50
Very Deep Green	"	1.00
Milori Green, L, M and D	"	1.25
New Green	"	.75
Brilliant Green	"	.80
Green, L, M and D	"	1.25
Nile Green	"	2.00
Merrimac Green, L, M and D	"	.55
French Chrome Yellow	"	1.25
Chrome Yellow, L, M & D and DO	"	.50
Perfect Yellow	"	3.25
Citron Yellow	"	.70
Naples Yellow, L and D	"	1.25
Dutch Pink	"	.50
Golden Ochre	"	.40
Imitation of Gold for Striping	"	.75
Car Body Color	"	.40
Pullman Standard Car Body Color	"	.50
Grand Trunk Standard Car Body Color	"	.50
Claret Color	"	.35

MASURY'S

SUPERFINE COACH PAINTERS' DROP BLACK

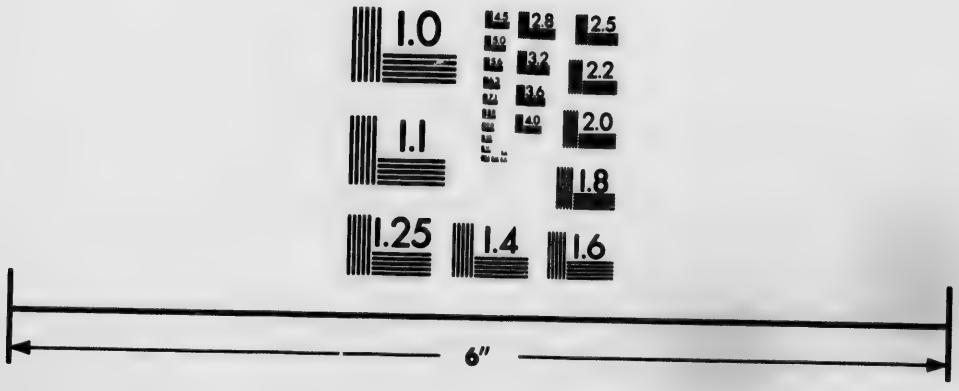
GROUND IN JAPAN.

Masury's Superfine Coach Painters' Drop Black - - - - - - - per lb., $

IN ONE POUND TINS.

HOBBS HARDWARE CO. LONDON

IMAGE EVALUATION
TEST TARGET (MT-3)



Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

FINELY PREPARED OIL COLORS

IN COLLAPSIBLE TUBES.

Flake White in Double Tubes, $2.40 per dozen; Treble, $3.60 per dozen; Quadruple, $4.80 per dozen; Single Tubes, $1.20 per dozen.

Antwerp Blue.
Asphaltum (thick).
Bitumen.
Black Lead.
Blanc d'Argent.
Blue Black.
Bone Brown.
Brown Ochre.
Brown Pink.
Burnt Roman Ochre.
Burnt Sienna.
Burnt Umber.
Chinese Blue.
Caledonian Brown.
Cappah Brown.
Cassel Earth.
Chrome Green, No. 1, M.
Chrome Green, No. 2, O
Chrome Green, No. 3, S.
Chrome Yellow.
Chrome Deep.
Chrome Lemon.
Chrome Orange.
Chrome Red.
Cologne Earth.
Cool Roman Ochre.
Copal Megilp.
Cork Black.
Cremnitz White.
Crimson Lake.
Emerald Green.
Indian Lake.
Indian Red (light).
Indigo.
Italian Pink.
Ivory Black.
Jaune Brilliant.
King's Yellow.
Lamp Black.
Light Red.
Magilp.
Medium.
Mummy.
Mauve.
Mauve *2.
Magenta.
Naples Yellow French.
Naples Yellow.
Neutral Tint.
New Blue.
Orpiment.
Olive Lake.
Oxford Ochre.
Payne's Grey.
Permanent Blue.
Permanent White.
Prussian Blue.
Prussian Brown.
Purple Lake.
Pyne's Megilp.
Raw Sienna.
Raw Umber.
Flake White.
Gamboge.
Sap Green.
Silver White.
Sugar of Lead.
Terra Rosa.
Terra Verte.
Transparent Gold Ochre.
Vandyke Brown.
Roman Ochre.
Scarlet Lake.
Venetian Red.
Verdigris.
Verona Brown.
Yellow Ochre.
Yellow Lake.
Yellow Orpiment.
Zinc White.

$2.25 PER DOZEN.

Azure Blue.
Brown Madder.
Burnt Lake.
Cerulean Blue.
Chinese Vermilion.
French Vermilion.
Sepia.
Vermilion.

$4.00 PER DOZEN.

Carmine, No. 2.
Citron Yellow.
Cobalt Blue.
Extract of Vermilion.
French Ultramarine.
French Veronese Green.
Geranium Lake.
Indian Yellow (imitation).
Lemon Yellow, Pale.
Lemon Yellow.
Madder Lake.
Malachite Green.
Mars Brown.
Mars Red.
Mars Violet.
Mars Yellow.
Mineral Grey.
Orange Vermilion.
Oxide of Chromium.
Oxide of Chromium Transparent.
Pink Madder.
Runbrandt's Mad.
Rose Madder.
Ruben's Madder.
Scarlet Vermilion.
Stronlian Yellow.
Veridian.

$6.00 PER DOZEN.

Brilliant Ultramarine.
Burnt Carmine.
Carmine.
Cadmium Yellow.
Cadmium Pale.
Cadmium Orange.
Extra Malachite Green.
Field's Orange Vermilion.
Indian Yellow.
Madder Carmine.
Mars Orange.
Purple Madder.
Violet Carmine.

DRY COLORS

LAMP BLACKS.

* ORDINARY.			EAGLE GERMANTOWN.		
Assorted Papers	per lb.,	cents.	Assorted Papers	per lb.,	cents.
Whole Papers	per lb.,	cents.	One Pound Papers	per lb.,	cents.
Half Papers	per lb.,	cents.	Half Pound Papers	per lb.,	cents.
Quarter Papers	per lb.,	cents.	Quarter Pound Papers	per lb.,	cents.

* Ordinary Lamp Black is sold by count, the wholes containing about twelve ounces, the halves and quarters in proportion. Germantown are full weight.

HOBBS

BLACKS.

Drop Black, No. 1, Powdered	per lb.,

BLUES.

Ultramarine Blue, Ordinary, in boxes of 28 pounds	per lb.,
Ultramarine Blue, Deep, in boxes of 28 pounds	per lb.,
Celestial, No. 1	per lb.,
Prussian, Deep, Powdered	per lb.,

GREENS.

French Imperial, in 100 lb. kegs	per lb.,		Paris, Light, in bulk	per lb.,	
French Imperial, 6 lb. tins	per lb.,		Paris, Light, ½ and 1 lb. tins	per lb.,	
Chrome Super., 100 lb. kegs	per lb.,		Paris, Deep, in bulk	per lb.,	
Chrome Super, 6 lb. tins	per lb.,		Paris, Deep, ½ and 1 lb. tins	per lb.,	
Brunswick Green, Super.	per lb.,		Dresden, bulk	per lb.,	
English Imperial	per lb.,		Dresden, 6 lb. tins	per lb.,	
Munich	per lb.,				

HARWA CO.

REDS.

Indian Red, English Light	per lb.,
Indian Red, English Deep	per lb.,
Indian Red, American, in 100 lb. kegs and bulk	per lb.,
Venetian Red, Best in barrels	per lb.,
Venetian Red, No. 1, in barrels	per lb.,
Red Lead, James' Genuine, 100 lb. kegs and bulk	per lb.,
Red Lead, No. 1, 100 lb. kegs	per lb.,

VERMILIONS.

English Pale	per lb.,		American, in 6 lb. tins	per lb.,	
English Deep	per lb.,		Alaska	per lb.,	
American	per lb.,		Vermillonette, "Our Own"	per lb.,	

LONDON

PINKS.

Rose Pink	per lb.,

DRY COLORS

YELLOWS.

Chrome Lemon	6 lb Tins	Per lb,
Chrome Medium	6 lb Tins	Per lb,
Chrome Orange	6 lb Tins	Per lb,
Ochre Ordinary, Barrels		Per lb,
Ochre Oxford, "		Per lb,
Ochre Golden, "		Per lb,

BROWNS.

Spanish,	Per lb,
Vandyke, Powdered	Per lb,
Umber, Raw Turkey	Per lb,
Umber, Burnt Turkey	Per lb,
Sienna, Raw Italian	Per lb,
Sienna, Burnt Italian	Per lb,

OXIDES.

Oxide of Iron, light, in Barrels of about 300 lbs.	Per lb,
" " Medium, " " "	Per lb,
" " Deep, " " "	Per lb,
Winter's Metallic Brown, " " "	Per lb,
Drab Earth Paint, " " "	Per lb,
Slate " " " " "	Per lb,
Olive " " " " "	Per lb,
Chocolate " " "	Per lb,

WHITES.

Paris, White	Per 100 lbs, $
Whiting, London Washed	Per 100 lbs,
Oxide of Zinc, Genuine	Per 100 lbs,
White Lead, James' Genuine, 100 lb Keg	Per 100 lbs, $
White Lead, James' Genuine, Firkins	Per 100 lbs,
White Lead, No. 1, 100 lb Kegs	Per 100 lbs,
White Lead, No. 1, Firkins	Per 100 lbs,

GOLD LEAF.

Gold Leaf, 20 Books in a Pack	Per Pack $

BRONZES.

Gold Bronze, L and D, in 1 oz. papers	Per Paper,
Natural Copper, 1 oz. papers	Per Paper,
Silver Bronze, 1 oz. papers	Per Paper,

PUTTY.

Bladders, put up in Barrels	Per 100 lbs, $
Bulk, put up in Pails of about 50 lbs	Per 100 lbs,

PUMICE STONE.

Lump	Per lb,	Pulverized	per lb,

PITCH.

Roofing Pitch, in Barrels of about 300 lbs	per bbl,

TAR.

Gas Tar, in Barrels	Per bbl,
Pine Tar, ½ Pint Cans	Per dozen,
Pine Tar, Pint Cans	Per dozen,
Pine Tar, Quart Cans	Per dozen,

These cans are substantially made and neatly labeled. The contents is strictly Pure Pine Tar, refined and free from all extraneous matter.

ROSIN.

Light Grade Rosin	Per 100 lbs, $
Light Grade Rosin	Per Barrel of 280 lbs,
Amber Grade Rosin	Per 100 lbs,
Amber Grade Rosin	Per Barrel of 280 lbs, $
Dark Amber Rosin	Per 100 lbs,
Dark Amber Rosin	Per Barrel of 280 lbs,

VARNISHES

Durable Wearing Body Varnish.

PER GAL.

A pale Varnish of great durability, for finishing fine Carriages and Railway Coaches; works freely, dries dust free in 10 hours, and can be removed in 3 to 4 days ..... Price..

Hard Drying Body Varnish.

Possesses medium heavy body, works freely, and may be used for finishing hurried jobs ..... Price..

Elastic Gear Varnish.

For finishing Carriage Gears, dries free from tack in 8 to 10 hours, very brilliant and durable ..... Price..

Hard Drying Rubbing Varnish.

Will rub in three days without sweating ..... Price .

Coach or Carriage Varnish.

For finishing Carriage Gears over flat color, also second-hand work; very heavy bodied, works easily and dries in 24 hours ..... Price .

No. 1 Coach Varnish.

Pale, quick-drying Varnish, possessing heavy body; for general Carriage work, repairing, &c., dries over night .... Price..

Gold Size Japan.

Gold Size Japan ..... Price..

Brown Japan.

For general work, is a quick dryer ..... Price..

Black Japan.

Black Japan ..... Price..

Extra Light Furniture Varnish.

Very light in color, heavy body, for general Cabinet use and light inside graining, dries in 8 hours ..... Price..

No. 1 Furniture Varnish.

A quick drying, heavy-bodied Varnish ..... Price..

Pure White Shellac Varnish.

For knotting, also for finishing very light colored works.. Price..

Best Brown Shellac.

PER GAL.

Best Brown Shellac ..... Price..

Orange Shellac.

Orange Shellac.. ..... Price..

Lightning Dryers.

Lightning Dryers ..... Price..

Excelsior Dryers.

Excelsior Dryers ..... Price

Spirit Copal.

For varnishing Maps, Labels, &c., dries in 30 minutes.. Price..

Elastic Oak.

Elastic Oak ..... Price..

Extra Heavy White Damar Varnish.

Perfectly transparent and very heavy bodied ..... Price..

Hard Oil Finish.

For finishing Black Walnut and other dark works ..... Price..

Black Asphaltum.

Black Asphaltum ..... Price..

Black Walnut Stain.

Black Walnut Stain ..... Price..

Stovepipe Varnish.

Stone Jars ..... Per dozen..
Bottles ..... Per dozen..
Nonsuch Stovepipe Varnish ..... Per dozen..

Spirits of Turpentine.

Barrels ..... Per Imp. gallon .
Two Cans in case; case contains 10 wine gallons; no charge for packages ..... Per case..

OILS

Linseed, Double Boiled	Per gal., $
Linseed, Pale Boiled	"
Linseed, Raw	"
Globe Paint Oil, Boiled	"
Globe Paint Oil, Raw	"
No. 1 Lard, Winter Pressed	"
Seal, Pale Straw, Steam Refined	"
Mineral Seal	"
Castor, Pure, 4 tins in case	Per lb.,
Olive	Per gal.,
Neat's Foot	"
Sperm	Per gal., $
Straits Cod	"
Tanners'	"
Black Lubricating	Per bbl.,
West Virginia	Per gal.,
"Excelsior" Heavy Machine	"
XXXX Engine	"
Oleine	"
Cylinder	"
Refined Coal Oil	"
Water White Refined Coal Oil	"

AXLE GREASE

IN WOOD BOXES.

Axle Grease ..... Per gross, $

Quarter gross in a box

PLUMBAGO

No. 1 Plumbago ..... Per 100 lbs., $
No. 2 Plumbago ..... Per 100 lbs.,

BORAX

Crystal Borax ..... Per lb., $
Powdered Borax ..... Per lb.,

STOVE POLISH

"NONSUCH"

IN BOXES OF TWO, THREE AND FOUR DOZEN EACH.

Per dozen . . . . . $

CHAMPION STOVE PASTE

ONE DOZEN IN BOX.

Per dozen . . . . . $

"ROYAL" STOVE POLISH

ROYAL DOME LEAD

HALF DOZEN DOMES IN PAPER BOX. SIX BOXES IN PACKAGE.

Per gross . . . . . $

UNIVERSAL

METAL MAGIC PASTE

FOR POLISHING SILVERWARE AND METALS.

ONE DOZEN BOXES IN PACKAGE.

Per dozen . . . . . $

JACQUOT & CO.'S FRENCH BLACKING

No. **2** Jacquot & Co.'s French Blacking . . . . . per gross, $

No. **3** Jacquot & Co.'s French Blacking . . . . . per gross, $

No. **4** Jacquot & Co.'s French Blacking . . . . . per gross, $

One dozen boxes in a package, half gross in a case.

BRUSHES

MANUFACTURED BY THE LONDON BRUSH FACTORY.

GROUND PAINT BRUSHES.

A

GREY CENTRE. ROUND.

Nos.	7	6	5	4	3	2	1	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0
Per dozen,	$1 20	1 60	2 00	2 65	3 00	3 70	4 10	5 25	6 75	8 50	10 00	12 00	14 00	16 50	19 00

WHITE PAINT BRUSHES.

A

WIRE BOUND, ALL WHITE BRISTLES. ROUND.

Nos.	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0
Per dozen,	$7 70	9 10	11 50	14 30	16 75	19 10	21 75	25 85

EXTRA WHITE PAINT BRUSHES—X.

A

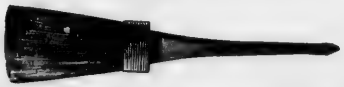
TWINE BOUND, ALL WHITE BRISTLES. ROUND.

Nos.	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0
Per dozen,	$9 30	10 70	12 75	16 25	19 25	21 50	25 00	28 75	32 00

A

EXTRA OVAL GROUND PAINT OR VARNISH BRUSHES—X.

Nos.	7	6	5	4	3	2	1	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0
Per dozen,	$1 35	1 60	2 10	2 70	3 25	3 85	4 65	5 75	6 90	8 25	10 25	12 00	14 85	16 75	19 00	21 50



EXTRA OVAL WHITE PAINT BRUSHES—X.

A

PAINTERS' STANDARD BRUSH. WIRE BOUND, ALL WHITE BRISTLES.

Nos.	4,0	5,0	6,0	7,0	8,0	9,0
Per dozen,	$17 00	19 50	21 50	24 75	28 00	32 00

SUPER. WHITE PAINT BRUSHES.

A

OVAL OR ROUND. WIRE OR TWINE BOUND. SELECTED ALL WHITE RUSSIA BRISTLES. SOLID.

Nos.	6,0	7,0	8,0	9,0
Per dozen,	$26 75	30 25	34 00	37 50

The best made Paint and Varnish Brushes are liable to shrink more or less if kept in very warm or dry places. All good workmen know how to remedy this, and a word by dealers to consumers will often prevent annoyance to themselves and loss to manufacturers.

PAINT AND VARNISH BRUSHES SHOULD NEVER BE USED AS DUSTERS NOR USED DRY.

BRUSHES

BBS

FLAT PAINT OR WALL BRUSHES.

GREY CENTRE, LEATHER BOUND.

A

No. 1				
Inch,	3	4	5	6
Per dozen,	$6 60	8 80	11 00	13 20

A

No. 1,0				
Inch,	3	4	5	6
Per dozen,	$11 00	13 20	15 65	18 70

A

No. 2,0.						
Inch,	3	4	5	6	7	8	10
Per dozen,	$14 30	16 00	17 60	20 35	29 70	33 00	44 00

FLAT PAINT OR WALL BRUSHES.

ALL WHITE BRISTLES, LEATHER AND BRASS BOUND.

A

No. 1.				
Inch,	2½	3	4	5
Per dozen,	$6 50	8 00	10 00	12 00

A

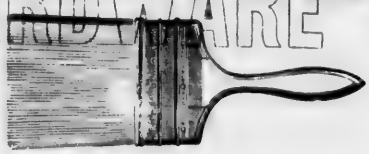
No. 1,0.				
Inch,	3	4	5	6
Per dozen,	$13 20	16 50	19 80	23 00

A

No. 3,0.				
Inch,	3	4	5	6
Per dozen,	$21 50	25 30	28 60	33 00

HARDWARE CO.

SUPER. FLAT PAINT OR WALL BRUSHES.



GREY CENTRE, ALL BRISTLES, METAL BOUND.

A

No. 1,0.			
Inch,	2½	3	4	5
Per dozen,	$6 60	8 80	11 00	13 20

A

No. 2,0.			
Inch,	3	4	5
Per dozen,	$13 20	15 40	17 60

SUPER. FLAT PAINT OR WALL BRUSHES.

ALL WHITE BRISTLES, METAL BOUND.

A

No. 1.			
Inch,	3	4	5
Per dozen,	$11 00	13 20	16 50

A

No. 1,0.			
Inch,	3	4	5
Per dozen,	$14 60	17 60	20 35

A

No. 3,0.			
Inch	3	4	5
Per dozen,	$22 00	25 85	29 20

OVAL VARNISH OR PAINT BRUSHES.

LONDON

A

WIRE BOUND, ALL WHITE BRISTLES.

Nos.	7	6	5	4	3	2	1	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0
Per dozen	$2 00	2 50	3 10	3 75	4 40	5 50	6 60	7 30	8 50	9 70	11 00	13 00	15 25	18 00	21 50	26 00

BRUSHES

EXTRA OVAL VARNISH OR PAINT BRUSHES—X.

A

WIRE OR TWINE BOUND, NARROW FERRULES. ALL WHITE BRISTLES. SOLID.

Nos.	7	6	5	4	3	2	1	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0
Per dozen,	$2 20	2 75	3 30	4 50	5 40	6 75	7 50	8 50	10 00	11 50	13 25	16 00	18 50	22 00	25 75	29 50

CHISELED OVAL VARNISH BRUSHES.

A

WIRE BOUND AND RIVETED. FINEST FRENCH BRISTLES. BROKEN IN READY FOR USE.

Nos.	0000	000	00	0	1	2	3	4	5	6	7	8
Per dozen,	$4 00	5 00	7 25	9 10	10 90	13 20	16 00	19 50	24 00	29 00	35 00	39 00

BEAVER CHISELED OVAL VARNISH BRUSHES.

A

BEAVER TAIL HANDLES. WIRE BOUND AND RIVETED.

Nos.	1,0	2,0	3,0	4,0	5,0
Per dozen,	$9 00	12 00	15 25	18 75	22 50

BLIND BRUSHES.

A

ROUND OR OVAL. ALL WHITE BRISTLES.

Nos.	2,0	4,0	6,0
Per dozen,	$8 25	13 25	17 75

A

FLAT VARNISH BRUSHES—THIN.

Inch,	1	1½	2	2½
Per dozen,	$1 25	2 00	2 50	3 00

A

FLAT VARNISH BRUSHES—MEDIUM.

Inch,	1	1½	2	2½
Per dozen,	$1 80	2 75	3 50	4 50

A

EXTRA FLAT VARNISH BRUSHES—X.

Inch,	1	1½	2	2½	3	3½	4
Per dozen,	$2 25	3 00	4 00	5 00	6 00	7 50	9 00

BRISTLE MOTTLERS OR JAPANNERS.

A

FLAT VARNISH BRUSHES.

Inch,	1	1½	2	2½
Per dozen,	$1 50	2 25	3 00	4 00

BRUSHES

CHISELED FLOWING VARNISH BRUSHES.

ORDINARY.

A				
Inch,	1	1½	2	2½
Per dozen,	$3 25	4 50	6 50	9 00

SINGLE THICK—X.

FINEST SELECTED FRENCH BRISTLES, BROKEN IN READY FOR USE. CEMENTED AND NAILED.

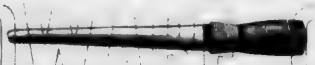
A					
Inch,	1	1½	2	2½	3
Per dozen,	$4 00	5 50	7 50	9 50	12 00

DOUBLE THICK XX.

BRASS BOUND, CEMENTED AND DOUBLE NAILED.

A					
Inch,	1	1½	2	2½	3
Per dozen,	$4 75	7 00	9 00	12 00	14 50

WIRE BOUND SASH TOOLS—X.



A								
Nos.	1	2	3	4	5	6	7	8
Per dozen,	$0 75	1 00	1 35	1 65	2 00	2 45	2 80	3 25

CHISELED SASH TOOLS—XX.

SELECTED FRENCH BRISTLES, WIRE BOUND. ROUND.

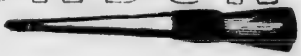
A					
Nos.	4	6	8	10	12
Per dozen,	$2 80	3 85	5 20	6 40	8 40

SUPER. SASH TOOLS—XXX.

SELECTED FRENCH BRISTLES, WIRE BOUND.

A					
Nos.	4	6	8	10	12
Per dozen,	$2 75	3 75	5 00	6 30	8 25

TWINE BOUND SASH TOOLS.



A												
Nos.	1	2	3	4	5	6	7	8	9	10	12	15
Per dozen,	$0 90	1 10	1 50	1 80	2 20	2 75	3 30	4 00	4 85	6 00	8 25	10 00

BRUSHES.

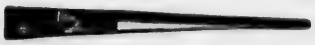
TIN BOUND SASH TOOLS.

A

ROUND AND FLAT.

Nos.	1	2	3	4	5	6	7	8	9	10
Per dozen,	$0 90	1 10	1 50	1 80	2 20	2 80	3 60	4 25	4 75	5 75

FLAT CHISELED SASH TOOLS.

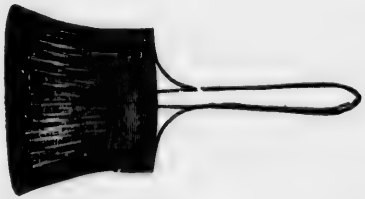


A

TIN BOUND. RIVETED.

Nos.	4	6	8	10
Per dozen,	$2 90	3 90	5 20	6 50

KALSOMINE BRUSHES.



A

NO. 1,0.

Inch,	5	6	7	8
Per dozen,	$6 00	7 00	8 00	9 00

NO. 2,0.

Inch.	6	7	8	9
Per dozen,	$8 00	10 00	12 00	14 00

NO. 3,0.

Inch,	6	7	8
Per dozen,	$14 30	18 25	21 80

NO. 4,0. WARRANTED BRISTLES.

Inch,	5	6	7	8
Per dozen,	$15 40	19 80	25 30	29 75

NO. 5,0. WARRANTED BRISTLES.

Inch,	6	7	8
Per dozen,	$25 50	29 50	32 40

A

NO. 6,0. WARRANTED BRISTLES.

Inch,	6	7	8
Per dozen,	$30 25	35 25	40 75

NO. 8,0 EXTRA.

Inch,	6	7	8
Per dozen,	$49 00	54 00	58 00

NO. 8,0. A.

Inch,	7	8
Per dozen,	$42 00	46 50

NO. 10,0. BRASS BOUND SELECTED BRISTLES.

Inch,	7	8
Per dozen,	$70 00	79 00

NO. 12,0. XX.

8 inch . . . per dozen, $150 00

BRUSHES

WHITEWASH BRUSHES OR HEADS.

NO. A.

		Per Doz.
A	6 in	$ 2 65
	7 in	3 20
	8 in	3 85
	9 in	4 40

NO. 1 STAR.

A	5 in	$ 2 20
	6 in	3 00
	7 in	4 30
	8 in	4 80
	9 in	5 50

NO. 1, O.

A	5 in	$ 2 50
	6 in	3 30
	7 in	5 00
	8 in	5 75
	9 in	6 90

NO. 2, O. GREEN SEAL.

A	6 in	$ 4 30
	7 in	6 00
	8 in	7 00
	9 in	[illegible]

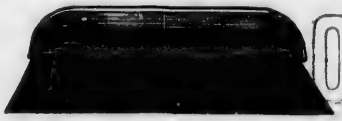
NO. 3, O. ALL BRISTLES.

A	6 in	$ [illegible] 50
	7 in	10 00
	8 in	12 00
	9 in	15 00

PAINTERS DUSTERS.

DRAWN OR SET.

A	No. 2	$ 4 85
	" 3	6 00
	" 4	7 25
	" 5	9 75
	" 6	14 00
	" 7, all white bristles	15 00
	" 8, " grey "	16 00
	Flat Dusters	10 00



PAPER HANGERS' SMOOTHING BRUSHES.

A	10 in., stiff or soft, grey bristles	$12 00
	10 in., all white bristles	14 50
	12 in., stiff or soft, grey bristles	15 00
	14 in., stiff or soft, grey bristles	18 00
	10 in., extra, 4 rows, grey bristles	18 00
	12 in., extra, 4 rows, grey bristles	21 00

WHITEWASH HEADS OR BRUSHES.

NO. 4, O. ALL BRISTLES.

		Per Doz.
A	7 in	$17 00
	8 in	20 60
	9 in	24 00

NO. 6, O. ALL BRISTLES.

A	7 in	$24 75
	8 in	28 90
	9 in	33 60

NO. 7, O. ALL BRISTLES.

A	7 in	$31 00
	8 in	36 50
	9 in	41 25

NO. 8, O. ALL BRISTLES.

A	8 in	$44 00
	9 in	51 00

SUPER HEADS—XX.

BRASS BOUND. ALL WHITE BRISTLES.

		8 in.	9 in
A	No. 6, O	$48 00	$56 00
	" 7, O	61 00	70 00
	" 8, O	73 00	85 00

BILL POSTERS HEADS.

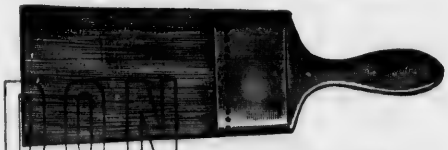
ALL BRISTLES, GREY. LEATHER AND BRASS BOUND.

A	No. 7, O, 10 in.	$76 80
	" 8, O, 10 in.	91 50

STENCIL BRUSHES.

A	No. 2	$ 1 25
	" 4	1 75
	" 6	3 00
	" 8	4 75
	" 10	7 00
	" 12	9 50
	" 15, wire ferrules	12 00
	2 in. Diameter, drawn	3 30
	2½ in " "	6 60
	3½ in " "	15 00

STIPLERS OR WALNUT GRAINERS.



A	4 in	$18 70
	4 in., extra	26 50

WALL STIPLING BRUSHES.

A	3½ x 8, Grey Bristles	$39 60
	3½ x 8, White "	44 00
	5 x 6, " " Handled	51 25
	5 x 7, " " "	54 75

BRISTLE FAN OR TOP GRAINERS.

A	2 in. to 4½ in., per in	$ 0 20

HOBBS HARDWARE CO. LONDON

BRUSHES

BRISTLE GRAINING BRUSHES.

SINGLE THICK.

		Per Doz.
A	1 in. to 3½ in., per in	$ 0 40

DOUBLE THICK, RIVETED.

A	1 in. to 4 in., per in	$ 0 50

BRISTLE GRAINING MOTTLERS.

A	1 in	$ 3 25
	1½ in	4 00
	2 in	5 35
	2½ in	6 75
	3 in	9 00
	4 in	11 25

STEEL GRAINING COMBS.

C	Per Set, 12 Combs	$ 2 00

SEAMING BRUSHES.

A	4 in	$ 2 50
	5 in	3 25
	6 in	3 75

BRICK LINERS OR TRENCHERS.

A	2 in., 2½ in., 3 in	$ 1 50

ENGLISH BRICK LINERS.

A	Assorted	$ 4 00

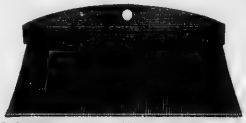
GLUE BRUSHES.

A	No. 1	$ 3 25
	" 2	4 75
	" 3	7 50
	" 4	10 50
	" 6	12 00

ROOFING OR TAR BRUSHES.

DRAWN.

A	No. 1	$12 00
	" 2	19 75
	" 3	26 50



ROOFING OR TAR BRUSHES.

		1 Knot.	2 Knots.	3 Knots.
A	Grey	$ 7 25	$13 00	$19 00
	White outside X	16 50	32 00	47 30

BRISTLE ARTISTS' BRUSHES OR FITCHES.

FLAT.

		Per Doz.
A	½ in	$ 1 50
	⅝ in	2 00
	¾ in	2 15
	⅞ in	2 55
	1 in	3 15
	1⅛ in	3 65
	1¼ in	4 15
	1⅜ in	4 70
	1½ in	5 10

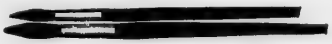
EX. BRISTLES ARTISTS' BRUSHES.

FLAT AND ROUND. POLISHED HANDLES.

A	No. 1— ⅛ in	$ 1 25
	" 3— 3/16 in	1 35
	" 5— ¼ in	1 45
	" 7— 5/16 in	1 55
	" 9— ⅜ in	1 65
	" 11— ½ in	1 85
	" 14— ⅝ in	2 20
	" 16— ¾ in	2 75
	" 18— ⅞ in	3 40
	" 20—1⅛ in	4 20

BRISTLE FOLIAGE BRUSHES.

A	Assorted, 1 to 3	$ 6 00



MARKING BRUSHES.

ROUND AND FLAT.

A	Assorted 1 to 6	$ 1 00

BRISTLE FRESCO BRUSHES.

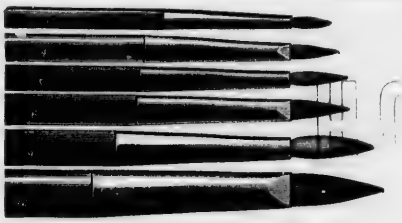
A	No. 1	$ 1 40
	" 2	1 55
	" 3	1 90
	" 4	2 25
	" 5	2 60
	" 6	3 00
	Assorted, 1 to 6	2 10

RED SABLE ARTISTS' BRUSHES.

FOR OIL PAINTING. PLATED FERRULES. POLISHED HANDLES. ROUND OR FLAT.

B	No. 1	$ 1 60
	" 2	1 75
	" 3	1 95
	" 4	2 20
	" 5	2 70
	" 6	3 15
	" 7	3 65
	" 8	4 20
	" 9	5 15
	" 10	6 40
	" 11	7 45
	" 12	8 55
	Assorted, 1 to 6	2 20
	" 7 to 12	5 90
	" 1 to 12	4 00

BRUSHES



RUSS SABLE ARTISTS' BRUSHES.

FOR OIL PAINTING, ETC. SUBSTITUTE FOR RED SABLE ROUND OR FLAT.

B Assorted, 1 to 12 ..... $ 2 00

CAMEL HAIR ARTISTS' BRUSHES.

TIN FERRULES. SHORT HANDLES.

B Assorted, 4, 6, 8 and 10 ..... $ 1 00

EXTRA CAMEL HAIR ARTISTS' BRUSHES.

PLATED FERRULES. SHORT HANDLES. EXTRA QUALITY.

B Assorted, 1 to 6 ..... 1 75

CAMEL HAIR MARKING BRUSHES.

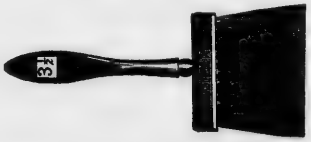
B Assorted, 1 to 4 ..... $ 1 25

BADGER BLENDERS.

ROUND.

B No 2 ..... $ 3 50
" 4 ..... 5 60
" 6 ..... 8 40
" 8 ..... 12 00
" 10 ..... 16 00

BADGER BLENDERS.



FLAT. SET IN BONE.

B Black—2½ in. to 6 in., per in ..... $ 0 35
Grey—2½ in. to 6 in ; per in 60

CAMEL HAIR MOPS OR DUSTERS.

C No. 2 ..... $ 3 40
" 4 ..... 5 90
" 6 ..... 7 50
" 8 ..... 10 50
" 10 ..... 14 00
" 12 ..... 17 75
" 16 ..... 30 00
" 20 ..... 38 00

GILDERS' TIPS.

ASSORTED.

C 2½ in. to 4 in., per doz ..... $ 1 60

CAMEL HAIR WRITERS.

Per Gross.

C Drug Pencils, assorted, 1 to 8 ..... $ 2 50
" " No. 6 ..... 3 15
" " No. 8 ..... 3 80
Ordinary Writers, 1 in., assorted, 1 to 8 ..... 4 50
Extra Rose Writers 1¼ in., assorted, 1 to 8 .. 5 50
Superfine Writers, 1¼ in , assorted, 1 to 8 .. 6 50

CAMEL HAIR STRIPERS.

C Ordinary Stripers, 2 in , assorted, 1 to 8 .... $ 5 00
Extra Rose Stripers, 2½ in., assorted, 1 to 8 .. 6 00
Superfine Stripers, 2½ in., assorted, 1 to 8 .. 7 75
Extra Rose Fine Liners, 2½ in 3 75
Superfine Fine Liners, 2½ in 5 50
Crow Quill Fine Liners, 2½ in 3 00
Swan Quills, assorted, ½ in. to 2½ in 18 00

CAMEL HAIR SWORD STRIPERS.

Per Doz.

C In Tin, assorted, 1 to 4 ..... $ 3 50
In Wood 5 00

SIBERIAN OX HAIR.

B Writers, assorted, 1 to 8 ..... $ 1 25
Stripers, assorted, 1 to 8 ..... 1 60

SIBERIAN OX HAIR SWORD STRIPERS.

B In Tin, assorted, 1 to 4 ..... $ 3 00

BLACK SABLE WRITERS.

SILVER TIE.

B Assorted, 1 to 4 ..... $ 1 00
" 5 to 8 ..... 2 75
" 1 to 8 ..... 2 00

SUPERFINE—GOLD TIE.

B No. 1 ..... $ 1 20
" 2 ..... 1 50
" 3 ..... 2 25
" 4 ..... 3 40
" 5 ..... 4 90
" 6 ..... 6 35
" 7 ..... 7 80
" 8 ..... 9 30
" 12 ..... 22 20
Assorted, 1 to 4 ..... 2 10
" 5 to 8 ..... 7 10
" 1 to 8 ..... 4 60

RED SABLE PENCIL OVERGRAINERS.

B 1 in. to 3 in., per in ..... $ 1 75

BADGER PENCIL OVERGRAINERS.

B 1 in. to 3 in., per in ..... $ 0 65

BRUSHES.

BLACK SABLE STRIPERS.

SILVER TIE.

		Per Doz.
B	Assorted, 1 to 4	$ 1 15
	" 5 to 8	3 15
	" 1 to 8	2 50

SUPERFINE—GOLD TIE.

B	No. 1	$ 1 50
	" 2	1 85
	" 3	2 70
	" 4	4 25
	" 5	6 35
	" 6	7 45
	" 7	9 10
	" 8	10 90
	" 12	24 55
	Assorted, 1 to 4	2 55
	" 5 to 8	8 45
	" 1 to 8	5 50
	Fine Liners	3 40

CAMEL HAIR MOTTLERS.

C	½ in	$ 2 75
	1 in	4 10
	1½ in	6 10
	2 in	8 50
	2½ in	11 70
	3 in	16 40

CAMEL HAIR MOTTLERS OR COLOR BRUSHES.

DOUBLE THICK.

C	1 in	$ 5 60
	1½ in	8 40
	2 in	11 80
	2½ in	14 00

CAMEL HAIR VARNISH BRUSHES.

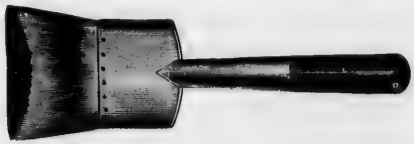
C	1 in	$ 4 00
	1½ in	7 60
	2 in	10 90
	2½ in	14 50

CAMEL HAIR COPYING BRUSHES.

C	1 in	$ 4 00
	1½ in	5 50
	2 in	6 60
	2½ in	8 30
	3 in	10 00
	3½ in	16 60

BEAR HAIR MOTTLERS.

B	1 in	$ 2 60
	1½ in	4 10
	2 in	5 50
	2½ in	8 10



FITCH OR BEAR FLOWING VARNISH BRUSHES.

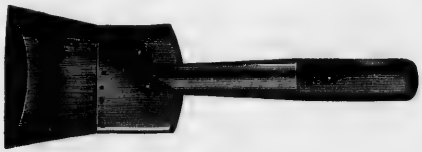
SINGLE THICK. CHISELED.

		Per Doz.
B	1 in	$ 4 00
	1½ in	6 00
	2 in	8 00
	2½ in	10 00
	3 in	12 00

DOUBLE THICK. SQUARE OR CHISELED.

B	1 in	$ 5 00
	1½ in	7 50
	2 in	10 00
	2½ in	12 50
	3 in	15 00

BADGER FLOWING VARNISH BRUSHES.



SINGLE THICK. CHISELED.

B	1 in	$ 6 00
	1½ in	9 00
	2 in	12 00
	2½ in	15 00
	3 in	18 00

DOUBLE THICK. CHISELED.

B	1 in	$ 8 00
	1½ in	12 00
	2 in	16 00
	2½ in	20 00
	3 in	24 00

B Ex. French Badger, 80 cents per inch.

For Red Sable, Camel Hair, Fitch or Bear Hair and Badger Hair Brushes in our list will be found what is desired.

All Brushes that have wrappers on, should be kept so as much as possible, as the Bristles keep cleaner, and the brush retains its proper shape and is more salable.

Painters' Brushes should never be kept in a warm, dry place.

Never put a brush in newly slacked lime, it will destroy the bristles.

Paint and Varnish Brushes should never be used as dusters, and it is unnecessary to soak them in water before using.

BRUSHES

TAILORS' BRUSHES

		Per Doz.
A	No. 0	$13 20
	" 1—Handled	24 50
	" 2 "	36 75

PRINTERS' LYE BRUSHES.

A	No. 1	$ 9 70
	" 2	14 50
	" 4—All Bristles	46 00

STEREOTYPERS' BRUSHES.

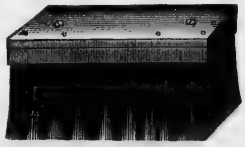
A	No. 1 ... each,	$ 7 00
	" 2—4 in. x 8 in ... "	11 50

BREWERS' BARREL BRUSHES.

A	No 1—Bass	$ 5 00
	" 2 "	8 00
	" 3—Whisk	9 00
	" 4—Bristle	14 00
	" 5 Kittool	16 00
	" 6—Bristle	18 00

TANNERS' OR CURRIERS' BRUSHES.

A	No. 1—Scouring	$12 00
	" 2 "	26 40
	" 3—Round Blacking	12 00
	" 4—Paste and Stuffing	10 75



STEEL WIRE FOUNDRY BRUSHES.

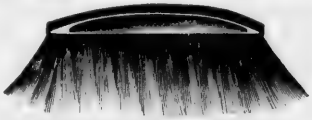
C	No. 3—4 Rows	$11 00
	" 4—5 "	12 00

STEEL WIRE BROOMS.

C	No. 1—12 in	$21 00
	" 2—14 in	24 00
	" 3—18 Extra	26 00
	" 4—14 Extra	30 00

MOULDERS' BRUSHES—HARD.

A	No. 1	$ 4 40
	" 2	5 50



MOULDERS' BRUSHES - SOFT.

		Per Doz.
A	No. 2	$ 5 50
	" 3	8 50
	" 4	11 00

NICKEL PLATERS' BRUSHES.

A	No. 1—Grey Fibre	$ 2 60
	" 2—Bass	2 80
	" 3—White Fibre, Handled	3 50

PICKER BRUSHES.

FOR FURNITURE FINISHERS.

A	No. 1—Bass	$ 2 20
	" 2—Bass	3 75
	" 3—Kittool	3 75

RUBBER MOPS OR SQUEEGEES.

A	18 in	$ 9 50

BASS SWEEPERS OR CHEESE BROOMS.

A	No. 1	$ 4 75
	" 2	6 00
	" 3—2 Rows, Drawn	8 75
	" 4—3 " "	11 50
	" 4—4 " "	16 50

CURD SINK BRUSHES.

FOR CHEESE FACTORIES.

A	Kittool	$ 5 40

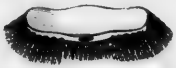
FACTORY SCRUB BRUSHES.

FOR CHEESE FACTORIES.

A	Kittool	$ 6 40

LAUNDRY SCRUB BRUSHES.

A	Bass—3 Row	$ 4 00



BILLIARD BRUSHES.

A	No. 2	$24 00
	" 3	48 00

BOTTLE BRUSHES.

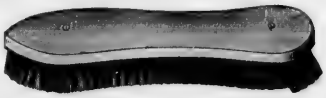
A	Pints and Quarts	$ 6 00

CAR WASHERS.

WITH RUBBER BANDS.

A	No. 1	$39 00
	" 2—Extra quality	54 00

BRUSHES



CORN SCRUB BRUSHES.

		Per Doz.
A	No. 1	$ 1 30
	" 2	1 65
	" 3	2 00
	" 4	2 75

WHISK SCRUB BRUSHES.

FRENCH WHISK OR RICE ROOT.

A	No. 0	$ 2 00
	" 1	2 40
	" 2	3 00
	" 3	3 65
	" 4—Solid Back	4 25
	" 5 " "	4 95

BASS SCRUB BRUSHES.

A	No. 1—1 Wing	$ 2 40
	" 2—1 "	3 00
	" 3—2 "	3 30
	" 4—2 "	3 65
	" 5—1 " Solid Back	4 30
	" 6—2 " " "	4 65
	" 7—2 " " "	5 75

BLACK KITTOOL SCRUB BRUSHES.

A	No. 1	$ 4 10
	" 2—Solid Back	5 50

WHITE FIBRE SCRUB BRUSHES.

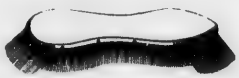
A	No. 1—1 Wing	$ 1 70
	" 2—1 "	2 60
	" 3—2 "	2 75
	" 4—1 "	3 10
	" 5—2 " Solid Back	3 50
	" 6—1 " " "	3 65
	" 7—1 " " "	4 40
	" 8—2 " " "	4 85

GREY FIBRE SCRUB BRUSHES.

A	No. 3	$ 2 85
	" 5	3 60
	" 7	4 40

UNION SCRUB BRUSHES.

A	No. 30—Solid Back	$ 4 95



EXTRA BRISTLE SCRUB BRUSHES.

GREY.

A	No. 6	$ 5 70
	" 0	6 00
	" 7	6 95

WHITE.

A	No. 6	$ 6 50
	" 7	7 70

DECK SCRUB BRUSHES.

	LONG HANDLES. BASS OR FIBRE.	
A	No. 1—One Rubber	$ 7 25
	" 2—Two "	9 35
	" 3— " "	13 20
	" 0	3 95
	" 1	5 75

TUB SCRUB BRUSHES.

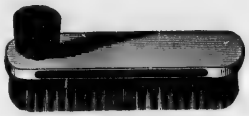
A	No. 1—Whisk	$ 2 40
	" 2—Fibre	2 50
	" 3—Bristle	4 50

HEATHER POT SCRUBS.

A	Per Doz.	$ 1 75

HANDLED SHOE BRUSHES.

A	No. 2	$ 2 20
	" 3	2 65
	" 4	3 00
	" 5	3 50
	" 6	4 30
	" 7	5 40
	" 8	6 60
	" 9	7 70
	" 10	9 35



TOP-KNOT SHOE BRUSHES.

A	No. 3	$ 1 75
	" 4	2 20
	" 5	2 90
	" 6	3 65
	" 7	4 95
	" 8	6 00
	" 9	7 25
	Small Portable	3 25

BRUSHES

SHOE POLISHING BRUSHES.

ROACHED BACK.

		Per Doz.
A	No. 2	$ 4 40
	" 4	6 00
	" 5	6 60
	" 7	13 20

MUD BRUSHES.

A	No. 0—Handled	$ 2 50
	" 1—Roached Back	3 00
	" 3 " "	5 00
	" 6 " "	11 00

SHOE DAUBERS.

FOR APPLYING BLACKING.

A	No. 1	$ 1 65
	" 2	2 20
	" 3	3 30

SHOE BRUSH SETS.

IN BOXES.

A	Pocket Edition—Brush and Blacking	$ 7 70
	No. 0—3 Brushes and Blacking	9 00
	" 1—3 "	10 00
	" 2—3 "	14 50
	" 3—3 "	28 00

SHOE HORNS.

A	No. 25—Button Hook attached	$ 0 80
	" 1	2 50

STOVE BRUSHES.

A	No. 1—Straight	$ 1 70
	" 2 "	2 20
	" 3 "	2 55
	" 4 "	2 90
	" 00 "	4 40
	" 000 "	5 50
	" 0—Bent	3 00
	" 5 "	3 65
	" 20 "	3 85
	" 40 "	4 00
	" 6 "	4 25
	" 60 "	4 95
	" 7 "	5 45
	" 8 "	6 60
	" 9 "	7 75
	" 10 "	9 50

ROUND OIL BRUSHES.

		Per Doz.
A	No. 0	$ 0 90
	" 1	1 30
	" 2	1 80

STOVE PIPE VARNISH BRUSHES.

A	No. 7	$ 1 10

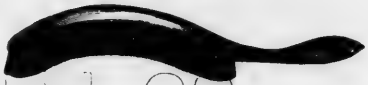
STOVE PIPE CLEANERS.

A	Bass	$ 3 65

CHIMNEY OR FLUE BRUSHES.

A Made to order.

CRUMB BRUSHES.



VARNISHED HANDLES.

A	No. 1	$ 5 50
	" 2	8 50
	" 3	10 45

CRUMB BRUSHES.

GILT HANDLES.

A	No. 1	$ 6 60
	" 2	9 35
	" 3	11 00

PLATE BRUSHES.

		Straight.	Bent.
A	No. 1	$ 1 20	
	" 2	2 00	
	" 3	2 40	$ 3 65
	" 4	3 00	4 25
	" 5	3 65	4 85
	" 6	4 25	5 20

A JEWELLERS' BRUSHES same prices as above.

LAMP CHIMNEY CLEANERS.

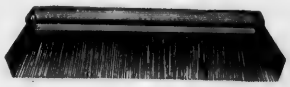
A	No. 4	$ 3 30

TUMBLER BRUSHES.

A	No. 2	$ 8 25

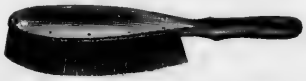
HUBBS HARDWARE CO. LONDON

BRUSHES



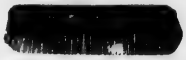
CLOTH BRUSHES.

		Per Doz.
A	No. 1	$ 3 00
	" 2	4 00
	" 3	4 50
	" 4	5 00
	" 5	5 50
	" 6	6 00
	" 8	6 75
	" 9	7 50
	" 11	8 50
	" 12	10 75
	" 13	13 00



HANDLE CLOTH BRUSHES.

A	No. 2—Hair	$ 9 90
	" 3—Bristle	11 80
	" 5 "	16 50
	" 6 "	22 00



HAT BRUSHES.

A	No. 1	$ 2 75
	" 2	4 95
	" 3	6 60
	" 4	9 90

HAT BRUSHES.

PLUSH BACK.

A	No. 1	$ 8 80
	" 2	12 10
	" 3	14 25

BATH BRUSHES.

A	No. 3—Web Handles	$ 9 60
	" 4—Straight Handles	11 00
	" 5—Bent Handles	14 30
	" 6—3 Rows, Detachable, Patent	13 20
	" 7—2 " Curved, "	16 50
	" 8—3 " " "	23 10
	" 9—6 " Detachable, "	25 30

NAIL BRUSHES.

WOOD BACK.

		Per Doz.
A	No. 1—Fibre	$ 0 95
	" 2 "	1 20
	" 3 "	1 80
	" 4 "	2 65
	" 5—Grey Bristles	3 75

NAIL BRUSHES.

BONE HANDLES

A	No. 4—White Bristles	$ 5 10
	" 5 " "	6 00
	" 6 " "	7 90
	" 8 " "	10 00

HAIR BRUSHES.

A	No. 4	$ 4 50
	" 6	6 00
	" 8	9 00
	" 10	12 50
	" 12	15 50
	" 14	18 50
	" 16	25 00
	" 18	31 50
	" 20	38 00
	Infant's	8 00

METALIC OR WIRE HAIR BRUSHES.

A	No. 54—Decorated	$ 7 25
	" 247—Plain	7 35
	" 454—Decorated	12 00
	" 549—Pearl Inlaid	14 75

TOOTH BRUSHES.

A	No. 61	$ 2 50
	" 62	3 00
	" 63	4 00

BRUSHES

SHAVING BRUSHES.

BLACK ENAMELLED HANDLES.

		Per Doz.
A	No. 125	$ 75
	" 19	1 50
	" 900	2 50
	" 203	3 00

TWINE BOUND.

A	No. 4	$2 00
	" 6	2 55
	" 8	4 10
	" 434	2 75
	" 107	4 25
	" 21	2 00

BONE HANDLES.

A	No 170	$3 60
	" 10	4 50
	" 20	5 50
	" 95	6 00
	" 81—Mahogany Handles	2 00

BADGER SHAVING BRUSHES.

A	No. 17	$ 4 00
	" 20	10 50
	" 25	15 00

CORN WHISKS

		Per Doz.
D	No. 3—Plain	$1 35
	" 2 "	1 75
	" 1 "	2 20
	" 2—Fancy	2 50
	" 1 "	3 00
	" 2—Japanned	2 15
	" 1 "	2 50
	" 2—Pocket, Japanned	2 70
	" 1 " Plain	2 35
	" 1—Barbers'	3 00

EXTRA CORN WHISKS.

D	No. 20—Enamelled Handled	$4 00
	" 50—Bone "	6 00
	" 70—Enamelled " Plush Cover	6 00
	" 80—Bone " " "	8 00
	" 200—Plated " " "	9 00

CORN BROOMS.

D	No. 2	$ 2 00
	" XX	2 65
	" XXX	3 00
	Carpet	3 40
	Climax	3 70
	Parlor	4 00
	No. 2—Hearth	2 00
	" 1— "	2 50

DUSTERS

FEATHER DUSTERS.

OSTRICH. FULL CENTRE. SOFT GREY FEATHERS.

		Per Doz.
A	No. 5	$ 3 80
	" 6	5 60
	" 7	7 75
	" 8	10 00
	" 9	13 30
	" 12	27 50
	" 18	45 00
	" 24	52 00

TURKEY FEATHERS.

A	No 6	$ 4 80
	" 7	6 00
	" 10	7 60
	" 11	9 00
	" 12	10 50
	No. 13	$12 00
	" 14	14 00
	" 15	15 00
	" 16	16 50

HEMP DUSTERS.

A	No. 6—Plain	$ 5 60
	" 12 "	7 30
	" 6—Silk	9 50
	" 12 "	10 50

WOOL DUSTERS.

A	No. 1	$ 6 00
	" 2	7 70
	" 3	14 00

BRUSHES

DUSTING BRUSHES OR BANNISTERS.

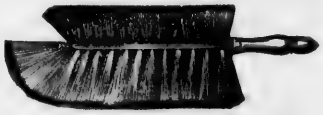
PLAIN VARNISHED HANDLES.

		Per Doz.
A	No. 1	$ 3 40
	" 2	4 30
	" 3	5 20
	" 4	7 25
	" 5	8 50
	" 6	9 75
	" 7	13 20
	" 8	18 00
	Stiff Carpet Bannisters	10 50

DUSTING BRUSHES OR BANNISTERS.

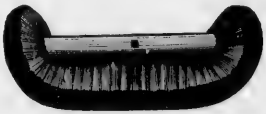
GILT HANDLES.

A	No. 2	$ 4 60
	" 3	6 25
	" 4	8 25
	" 5	9 60
	" 6	10 75



DOUBLE DUSTERS OR BANNISTERS.

A	No. 3	$ 8 80
	" 4	11 00
	" 5	13 20
	" 6	14 50



CEILING BROOMS.

WITH 10 FT. HANDLES.

A	No. 1	$14 80
	" 2	18 00

TURKS' HEADS.

A	10 in	$12 00
	12 in	18 00

BARBERS' DUSTERS.

A	No. 1	$ 6 00
	" 2	9 00

PICTURE DUSTERS.

A	Japanned and Gilt Handles	$ 6 60

HAIR BROOMS.

		Per Doz.
A	No. 3	$ 7 70
	" 4	12 00
	" 5	14 25
	" 6	17 60
	" 7	20 30
	" 8	29 00
	" 8 X	39 60
	" 10	63 00

WINDOW BRUSHES.

A	No. 2	$ 3 95
	" 3	5 50
	" 4	7 15
	" 5	10 45
	" 6	4 00

RUBBER WINDOW CLEANERS.

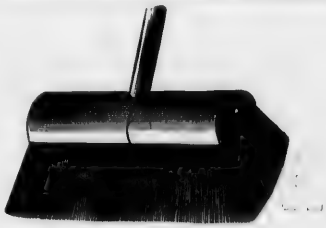
A	No. 7	$ 4 95
	" 10	7 30
	" 12	8 65
	" 14	9 90
	" 18	12 00

FANCY HEARTH BROOMS.

A	No. 3	$ 6 30
	" 4—All White Bristles	10 50
	" 5 " " "	13 65
	" 6 " " "	16 80

In case the hair of Brooms or Brushes should be crushed in packing, they should be dipped in hot water and allowed to dry with the hair downwards; they will then return to their original set.

BRUSHES



BASS BROOMS.

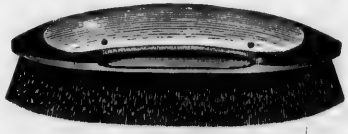
WITH HANDLES. FOR STABLES, YARDS, ETC.

		Per Doz.
A	No. 2	$ 5 50
	" 3	7 25
	" 4	9 35
	" 5	11 50
	" 6	14 50
	" 8	22 50

EXTRA BASS BROOMS

DRAWN WITH WIRE.

A	No. 4—4 Rows	$16 50
	" 5—5 "	18 75
	" 6—5 "	21 00



WHISK DANDY BRUSHES.

A	No. 1—Whisk	$ 3 00
	" 2 "	4 00
	" 2 X "	4 70
	" 3 "	5 75
	" 4—Kittool Edge	6 80
	" 20 " "	7 00
	" 5 " "	7 75
	" 6 " "	9 40
	" 00—Handled, Square	4 00
	" 0 " "	5 00

KITTOOL DANDY BRUSHES.

ALL BLACK.

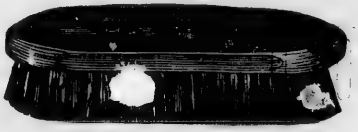
A	No. 4	$ 4 50
	" 5	6 00
	" 6	7 75
	" 7	9 65
	" 8	11 15

BONE DANDY BRUSHES.

A	No. 9—Handled	$12 00
	" 10 "	18 00

BASS DANDY BRUSHES.

A	No. 1	$ 3 50
	" 2	5 25



WATER BRUSHES.

A	No 1	$ 6 60
	" 2	10 70
	" 60'	26 40

COMPO. OR HARNESS BRUSHES.

		Per Doz.
A	No. 1	$ 7 25
	" 2	10 60

SPOKE BRUSHES.

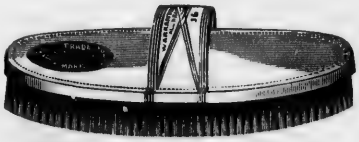
A	No. 2—Handled, Fibre	$ 5 10
	" 3 " Bristles	7 60
	" 4—Extra Bristles	12 00

WOOL OR CARRIAGE MOPS.

A	12 oz.	$12 00
	16 oz.	15 00

HORSE BRUSHES.

A	No. 1	$ 3 00
	" 2	3 65
	" 3	4 25
	" 4	4 85
	" 5	5 75
	" 6	7 00
	" 7	8 15
	" 8	9 00
	" 9	11 80
	" 10	13 60
	" 11	17 00
	" 12	20 35
	" 13	24 00
	" 14	29 00
	" 0	11 25
	" 00	30 00
	" 8 Boeckh's	9 25



LEATHER BACK HORSE BRUSHES.

A	No. 5	$ 5 50
	" 6	7 50
	" 9	9 40
	" 10	11 50
	" 11	17 00
	" 12	18 75
	" 13	23 00
	" 14	30 00
	" 15	34 00
	" 16	45 00
	" 19 Boeckh's	7 00
	" 12 "	7 75
	" 16 "	9 60
	" 18 "	11 00
	" 24 "	24 00

WHISK HORSE BRUSHES.

A	No. 2	$ 5 50
	" 3	7 00

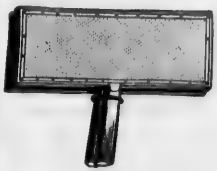
HORSE OR CURRY CARDS

SIZE 5¾ x 3½ INCHES.

No. **1** Bound, size 5¾ x 3½ . . . . . per single dozen, $

12 dozen in a case

WOOL CARDS



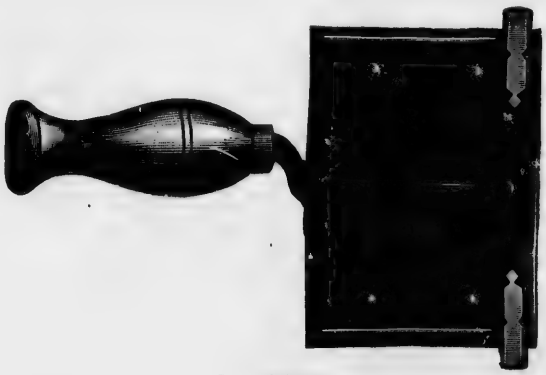
SIZE 9¼ x 4¼ INCHES.

No. **2** Wool Cards . . . . . per dozen pairs, $

1 dozen pairs in case.

CURRY COMBS

CLOSE BACK, TROWEL SHANK, OVAL FACE, CARMINE HANDLES.



Cut one-half Size.

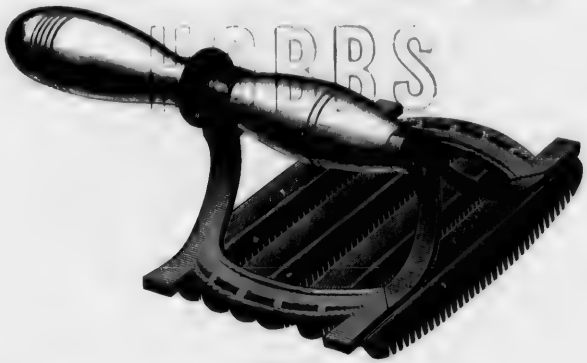
No. **177** Six Bar, Iron, Japanned . . . . . per dozen, $

1 dozen in a box.

CURRY COMBS

BACK GRASP, HORSE SHOE PATTERN, OPEN BACK, OVAL FACE.

Handsomely Finished Mahogany Colored Handles, Brass Ferrules.



Cut half Size.

No. **80**	Six Bar, Iron, Japanned	per dozen, $

1 dozen in a box.

BACK GRASP, HORSE SHOE PATTERN, CLOSE BACK, OVAL FACE.

Handsomely Finished, Mahogany Colored Handles, Brass Ferrules.

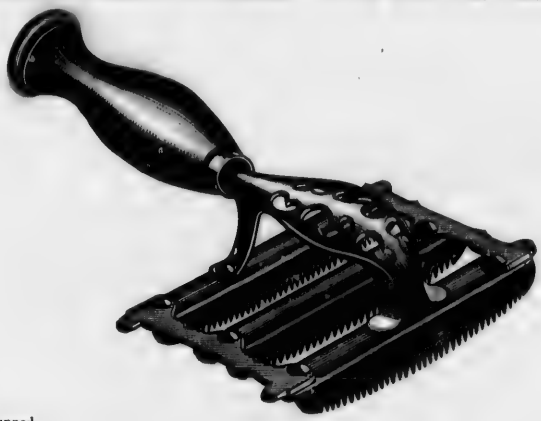
Cut half Size.

No. **90**	Six Bar, Iron, Japanned	per dozen, $
No. **91**	Six Bar, Iron, Tinned	per dozen,
No. **93**	Six Bar Brass, Tinned Frame and Back	per dozen,
No. **96**	Eight Bar, Iron, Japanned Bars, Tinned Frame and Back	per dozen,
No. **97**	Eight Bar, Brass, Tinned Frame and Back	per dozen,

1 dozen in a box.

BACK GRASP CURRY COMBS

OPEN BACK, CARMINE HANDLES. CUTS ARE ALL HALF SIZE.



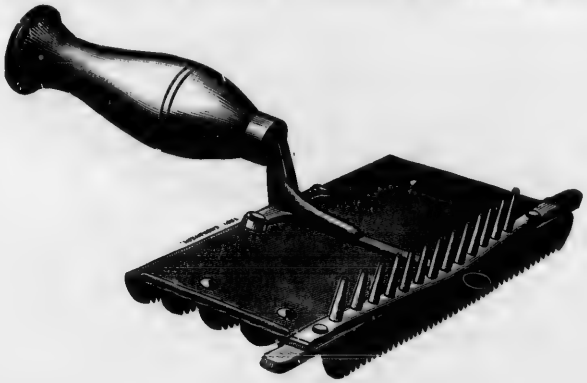
No. **33**	Six Bar, Iron, Japanned	per dozen, $
No. **33½**	Six Bar, Iron, Tinned	per dozen,
No. **34**	Six Bar, Brass, Tinned Ends and Shank	per dozen,

One dozen in a box.

No. **35**	Eight Bar, Iron, Japanned	per dozen, $
No. **35½**	Eight Bar, Iron, Tinned	per dozen,
No. **36**	Eight Bar, Brass, Tinned Ends and Shank	per dozen,

One dozen in a box.

CLOSE BACK, TROWEL SHANK, OVAL FACE, CARMINE HANDLES.



No. **324**	Six Bar, Iron, Tinned	per dozen, $

One dozen in a box.

MANE AND CURRY COMBS COMBINED

EXTRA POLISHED HARDWOOD HANDLES, BRASS FERRULES, FILED OVAL FACE, HANDLES PINNED, FINE FINISH

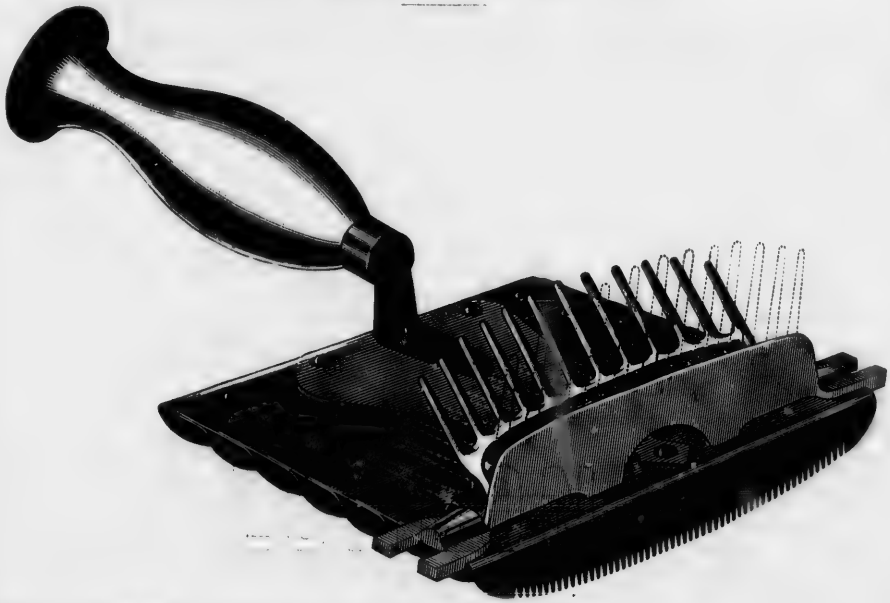
Cut half Size.

No. **240** Japanned - - - - - - - - - - - - - dozen, $

1 dozen in a box.

CURRY COMB

FOLDING MANE AN. SWEAT SCRAPER COMBINED, CLOSE BACK, TROWEL SHANK, FOUR KNOCKERS, EXTRA POLISHED HARDWOOD HANDLES, BRASS FERRULES, FILED OVAL FACE, HANDLES PINNED, FINE FINISH.

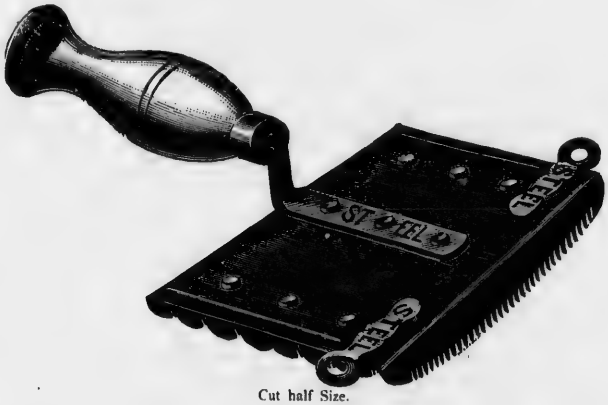


No. **1500** Eight Bar, Iron, Japanned, Tinned Mane and Sweat Scraper and Knockers - per dozen, $

One dozen in a box.

CURRY COMBS

EXTRA HEAVY, ALL STEEL, CLOSE BACK, DEEP BARS, THREE RIVETS IN SHANK, EXTRA HEAVY BLACK ENAMELED HANDLES, RIVETED AT END, BRASS FERRULES.



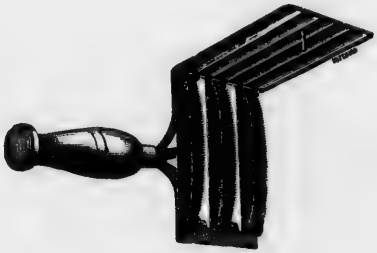
Cut half Size.

No. **1885** Improved Eight Bar, Steel, Blued - - - - - - - per dozen, $

In boxes of one dozen.

SELF-CLEANING CURRY COMBS.

JAPANNED.



VIEW OF COMB OPEN.

No. **10** Six Bar, Japanned, Self-Cleaning Curry Comb - - - - - per dozen, $

In boxes of one dozen.

CURRY COMBS

FINGER REST, EXTRA HEAVY, OVAL FACE, TROWEL SHANK, POLISHED HARDWOOD HANDLES, BRASS FERRULES.

Half size Cut of Eight Bar.

No. **849** Eight Bar, Iron, Japanned . . . . . per dozen, $

In boxes of one dozen.

ENGLISH CATTLE COMBS

WROUGHT, JAPANNED.

Cut half Size.

No. **036** English Three Bar Cattle Combs, Japanned . . . . . per dozen, $

WHIP SOCKETS

No. 1, Skeleton.

No. 02, Patent.

No. **1**	Skeleton, for Wood Dash	per dozen, $
No. **2**	Skeleton, for Leather Dash	per dozen,
No. **01**	Patent, for Wood Dash with Rein Holder	per dozen,
No. **02**	Patent, for Leather Dash with Rein Holder	per dozen,

WHIP LASHES

YELLOW BUCK WHIP LASHES—4 PLAT.

Length, feet,	3	3½	4	4½	5	5½	6
Per dozen, $							

HORSE HIDE—4 PLAT.

Length, feet,	3	3½	4	4½	5	5½	6
Per dozen, $							

WHIP STOCKS

White Hickory Whip Stocks, self tipped . . . . . per dozen, $
Red Hickory Whip Stocks, leather tipped . . . . . per dozen,
Live Oak Whip Stocks . . . . . per dozen,
Leather Covered Whip Stocks, black or russet . . . . . per dozen,

WHIPS

We illustrate on pages 958¼, 958½ and 959 a few of our leading styles of Whips, description of which is given herewith. It is impossible to illustrate our full line of goods in this line, but the styles given are first-class leaders. This is entirely a new departure, and we trust will be appreciated by the trade.

DROP TOP WHIPS

No. **0—3 ft.** (Full length, 4½ ft.) — Fancy Colors, Platted through, Black Head . . . . . per dozen, $

No. **2—3½ ft.** (Full length, 5 ft.) — Black, Platted through, Fancy Mount, Painted Head Button, Loop Snap, 15 inch Drop . . . . . per dozen,

No. **12—4 ft.** (Full length, 6 ft.) — Scarlet, Platted through, Black Painted Head Button, Nail Cap, 24 inch drop, per dozen,

STRAIGHT RATAN WHIPS.

No. **29—5½ ft.** — Black, Platted through, Nail Cap, Loop Snap . . . . . per dozen, $

No. **012—6 ft.** — Black, Platted through, Nickel Plated Head aud Ferrules, Loop Snaps . per dozen,

No. **43—6 ft.** — Imitation of Gut, Waterproof Filled, Hand Worked Thread Buttons, Japanned Cap, Loop Snap . . . . . per dozen,

No. **55—6 ft.** — Black, Fancy Centre, Nickel Plated Head, Two Metallic Ferrules, with Wound Centre, Waterproof Finish, Loop Snap . . . . . per dozen,

No. **47—6 ft.** — Black and Tuscan Red assorted, Two Fancy Colored Buttons, Japanned Cap, Loop Snap . . . . . per dozen,

Best value offered for the price.

No. **52—6 ft.** — Black and Tuscan Red, Assorted, Platted through, 10 Ring Lead Button and Cap, Oreide and Nickel Plated, Mount English Beaded, English Snap, Waterproof Finish, per dozen

EXTRA JAVA, SATIN AND RUBBER FINISH

No. 1057—6 ft. Black, Wine and Terra Cotta assorted: Osden's Genuine Patent Compressed Buttons, Japanned Cap, English Snap - - - - - - per dozen, $

No. 58 6 ft. Black, Nickel Plated Head and Mount, with Silk Triple Tassels wound on, English Snap - - - - - - - - - - - per dozen,

No. 73—6 ft. Wine, Platted through; one long Beaded and Octagon Ferrule, and two short Oreide Mounts; Thread Button and Cap; English Snap - - - - per dozen,

No. 76—6½ ft. Wine, Chased Nickle Head; two Chased Mounts and Nickel Wound Centre; English Snap - - - - - - - - - - per dozen,

No. 78—6½ ft. Black, Platted through; three long and two short Beaded and Chased Oreide Mounts; English Snap - - - - - - - - per dozen,

OLD-FASHIONED, HAND-MADE STOCKED JAVA WHIPS

No. 108—6 ft. Black, Satin Finish, Buckskin Lined, and Metallic Waterproof under cover, Nickel Plated and Beaded Head, six short Mounts (in pairs), English Snap - per dozen, $

"*Equal to Whalebone for wear.*"

No. 110—6 ft. Oiled, English Linen Finish, Genuine Calfskin Handle, English Style, Short Head and Ferrule, English Snap, Buckskin Lined, and Metallic Waterproof under Cover - - - - - - - - - - - per dozen,

"Parole" Black or Imitation of Gut, Satin Finish, FULL BUCK LINED TOP, English Snap - - - - - - - - - - - per dozen,

"*This celebrated Whip has earned for itself a place at the head of the procession Quality will at all times be maintained.*"

RAWHIDE CENTRE

IN PLACE OF WHALEBONE.

No. 851—6 ft. Black or Wine, Satin Finish, Osden's Patent Buttons, Rubber Cap, English Snap, best wearing Whip for a cold climate - - - - per dozen, $

The above is recommended by us when a good Whip is wanted. Cheaper grades of Rawhide Whips will be furnished upon application.

WHALEBONE

No. 162—6 ft. Black, Satin Finish, Linen Lined Top, Handworked Thread Buttons, Japanned Cap - - - - - - - - - - - - per dozen, $

"*Good value for the price.*"

No. 217—6 ft. Black, one-third Whalebone, Satin Finish, Oreide Head, Osden's Fine Buttons, two Chased Mounts, English Snap - - - - - - per dozen,

"*Neat and Stylish.*"

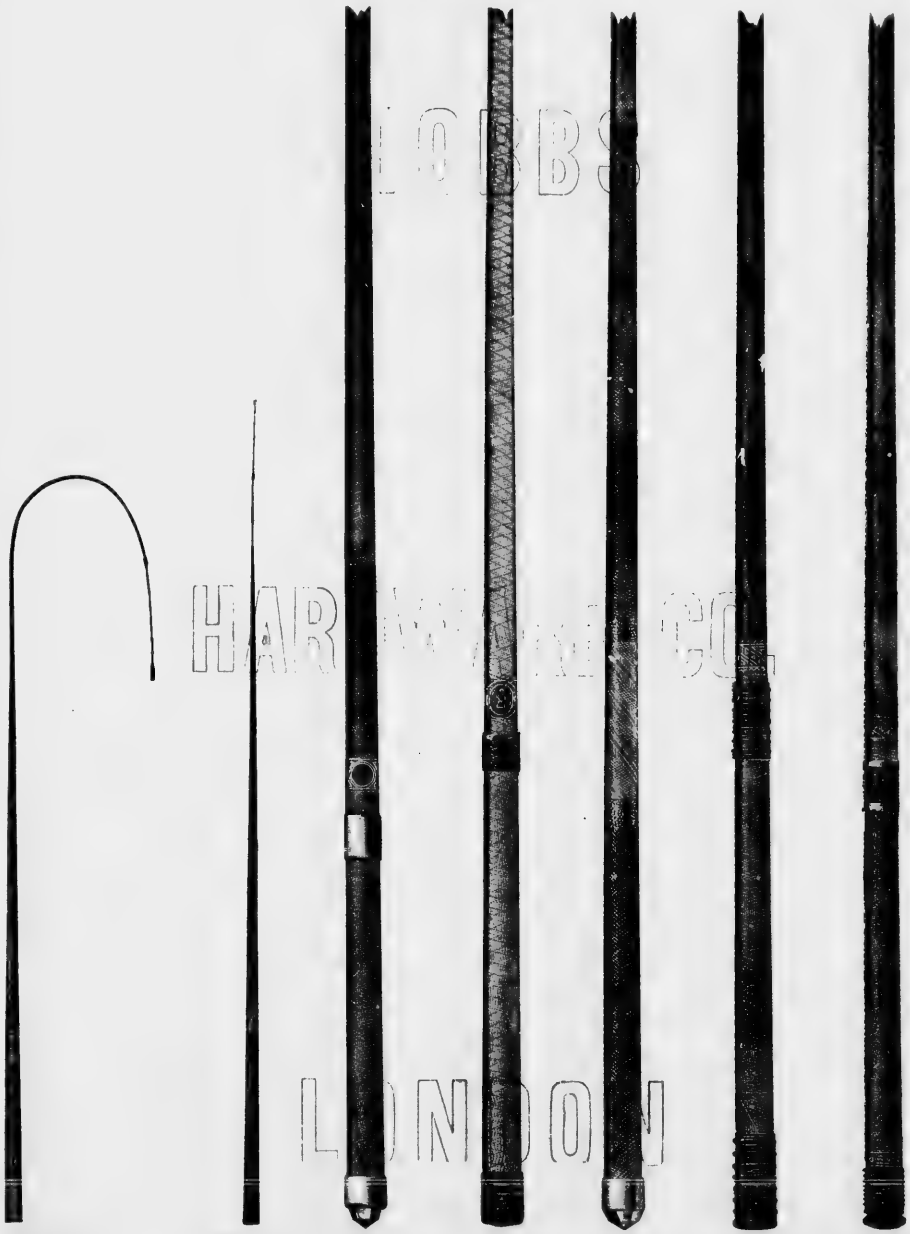
No. 274—6 ft. Black, one-half Whalebone, Satin Finish, English Textile Head and Button, English Snap - - - - - - - - - - per dozen,

No. 323—6 ft. Black Body, Tan Platted Handle and Centre, Rubber Cap, Handworked Thread Buttons, Buckskin Lined Top, Diamond Finish, English Snap - per dozen,

"Our Special" ⅔ BONE. Black, Diamond Finish, Zigzag Handle, Fine English Buttons, English Snap, - - - - - - - - - - - - per dozen,

"*For many years the standard two-third Bone Whip of Canada. Made only for ourselves.*"

WHIPS



No. 12 x 4 ft.
(Full length 6 ft.)

No. 29 x 5½ ft.

No. 012 x 6 ft.

No. 43 x 6 ft.

No. 55 x 6 ft.

No. 47 x 6 ft.

No. 52 x 6 ft.

WHIPS

No 1057 x 6 ft. No. 58 x 6 ft. No. 73 x 6 ft. No. 76 x 6½ ft. No. 78 x 6½ ft. No. 108 x 6 ft. No. 110 x 6 ft.

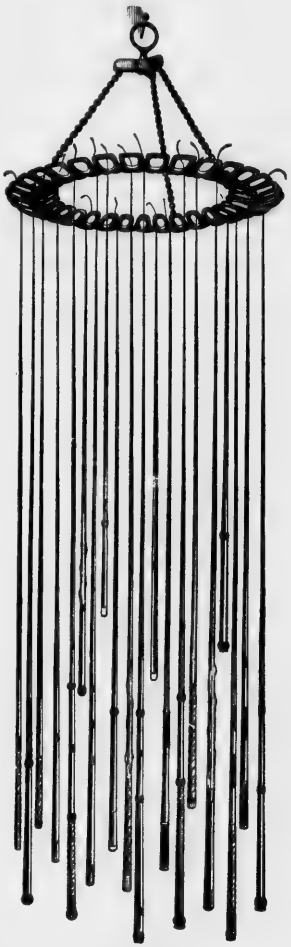
WHIPS

"Parole" | No. 851 X 6. | No 162-6 Ft | No 217-6 Ft. | No 274 6 Ft | No 323-6 Ft. | "Our Special," ⅔ Bone.

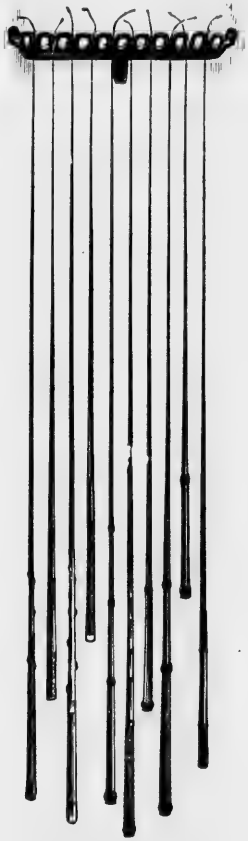
HOBBS HARDWARE CO. LONDON

COOLEY'S PATENT

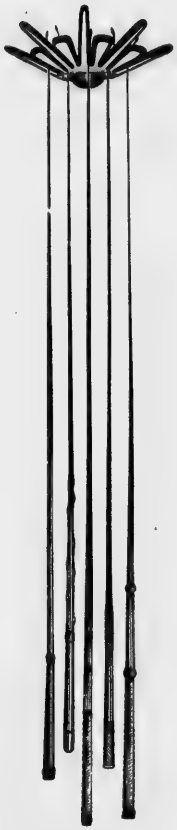
MALLEABLE IRON WHIP RACKS



No. 1, Circular.



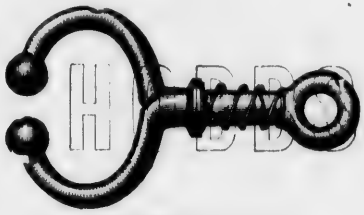
No. 3, Straight.



No. 5, Star.

No. **1**	Circular, 18 inches diameter, holding 200 Whips, Japanned - - -	per dozen, $
No. **3**	Straight, 9½ inches long, holding 10 Whips, Japanned - - - - -	per dozen,
No. **5**	Star, holding 8 Whips, Japanned - - - - - - -	per dozen,

CATTLE LEADERS



One-half Size Cut of No. 32.

BRASS WIRE SPRING, MALLEABLE.

No. **31**	2 inches, Malleable	- - - - - - - - - -	per dozen, $
No. **32**	3 inches, Malleable	- - - - - - - - - -	per dozen,

In paper boxes of two dozen each.

BULL RINGS.

Full Size Cut of 2½ inch.

POLISHED STEEL.

No. **0**	2	inches, with Screw Drivers -	per dozen, $
No. **1**	2½	inches, with Screw Drivers	per dozen,
No. **2**	3	inches, with Screw Drivers	per dozen,

POLISHED COPPER.

No. **20**	2	inches, with Screw Drivers -	per dozen, $
No. **21**	2½	inches, with Screw Drivers -	per dozen,
No. **22**	3	inches, with Screw Drivers -	per dozen,

In paper boxes of one dozen each.

CAST BRASS OX BALLS

OCTAGON.

No. 11.

No. 13.

No. **11**	Cast Brass Ox Balls	- - - - - - - - - -	per gross, $
No. **13**	Cast Brass Ox Balls	- - - - - - - - - -	per gross,

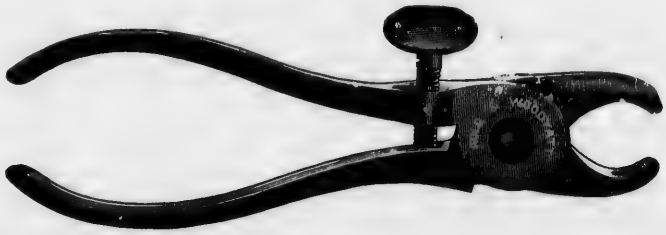
HOG RINGS

STEEL WIRE HOG RINGS.

No. 1	Pig	per 1,000, $
No. 2	Shoat	per 1,000,
No. 3	Hog	per 1,000,

Packed 100 in a box.

HOG RINGERS



No. 1	Adjustable Hog Ringer, Japanned	per dozen, $
No. 2	Hog Tongs, for holding hogs while ringing	per dozen,

In boxes of one dozen each.

HITCHING RINGS

JAPANNED.

No. 1	2½ inch, Japanned	per dozen, $

In boxes of one dozen each.

MALLEABLE HARNESS RINGS

JAPANNED.

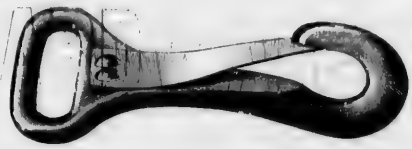
Inch,	1	1⅛	1¼, Heavy.
Per gross,	$1 96	1 16	1 48

MALLEABLE BREECHING RINGS

JAPANNED.

Nos.	3	2	2	1
Inch,	1½	2	2½	3
Per gross,	$1 80	2 90	3 60	5 10
Pounds per gross,	10	17	21	29

GERMAN SNAPS



BRONZE.

Inch,	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per gross,	$1 80	2 20	2 40	2 40	2 40	4 20	5 50	7 00	8 00

One-half gross in box.

GERMAN ROPE SNAPS

BRONZE.

Inch,	½	⅝	¾
Per gross,	$2 40	3 20	4 00

One-half gross in box.

MALLEABLE RING BITS

JOINTED OR STIFF MOUTH.

JAPANNED OR XC PLATE.

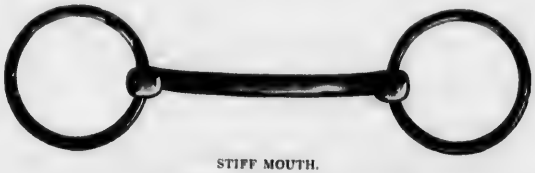
No. **1008** 2 inch Ring, 3¼ lbs. . . . . per dozen, $
No. **1001** 2¼ inch Ring, 5 lbs. . . . . per dozen,

Wrought Iron Forged Ring Bits.

JOINTED MOUTH.

JAPANNED OR XC PLATE.

No. **47** 2¾ inch Ring, 7 lbs. . . . . per dozen, $



STIFF MOUTH.

JAPANNED OR XC PLATE.

No. **47** 2¾ inch Ring, 7 lbs. . . . . per dozen, $

Rubber Mouth Bits.

No. **831** XC Plate, 2½ inch Ring . . . . . per dozen, $

Wire Ring Bits.

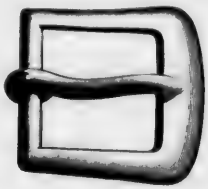
No. **846** XC Plate, 2¼ inch Ring . . . . . per dozen, $

No. **855** XC Plate, 2½ inch Ring . . . . . per dozen, $

BARREL ROLLER HARNESS BUCKLES

Inch,									
Japanned, per gross,	$	½	⅝	¾	1	1⅛	1¼	1½	1¾	2
XC Plate, per gross,										

Plain Sensible Harness Buckles



JAPANNED AND XC PLATE.

Inch,								
Per gross,	$	½	⅝	¾	⅞	1	1¼	1½

Sensible Bar Rein Buckles

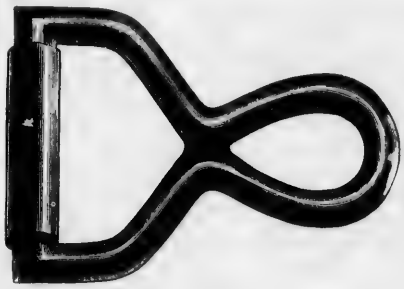
Inch,								
Japanned, per gross,	$	½	⅝	¾	⅞	1	1⅛	1¼
XC Plate, per gross,								

Breast Strap Slides

JAPANNED.

Inch,				
Per dozen,	$	1½	1¾	2

PUT UP ONE DOZEN IN A BOX.



MALLEABLE COCKEYES

TRIANGULAR, WITH ROLLER.

JAPANNED.

1¼ inch - - - - - - per dozen $
1½ inch - - - - - - per dozen,

In packages of two dozen each.

ANTI-RATTLERS

RUBBER.

Size, inches,		⅞	1	1⅛
Per gross,	Pairs, $			

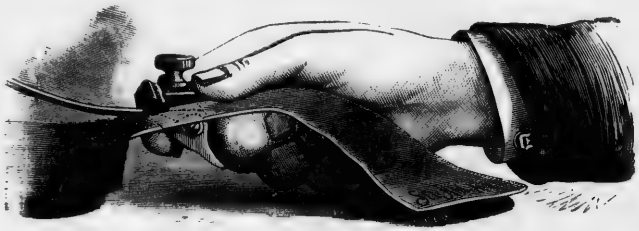
One dozen pairs in a box

WAGON SPRINGS OR BUMPERS

RUBBER.

No. 1 Rubber Bumpers, 4 inches high, 2 inches thick - - - - - per lb., $
No. 3 Rubber Bumpers, 3½ inches high, 1½ inches thick - - - - - per lb.,

LACE CUTTERS



Will cut to a uniform width any leather up to ⅛ inch in thickness and from 3/16 to ¾ wide.

Lace Cutter - - - - - - - - - - - - per dozen, $

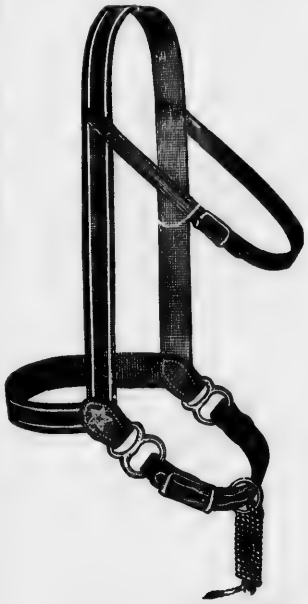
One in a box, one dozen in a package.

PATENT WASHER CUTTER

ONE DOZEN IN A BOX.

Price - - - - - - - - per dozen, $

HALTERS



Style of No. 0 x 13.

AMERICAN WEB.

Clamp Fastened, all Web		per dozen, $
No. 00	Style as per Cut	per dozen,
No. 0 x 13	Thread, as per Cut	per dozen,
No. 1 x 13	Thread, better quality than No. 0	per dozen,

SISAL ROPE HALTERS.

Small, with Snaps and Rings	per gross, $
Medium, with Snaps and Rings	per gross,
Large, with Snaps and Rings	per gross,

JUTE ROPE HALTERS.

Small, with Snaps and Rings	per gross, $
Medium, with Snaps and Rings	per gross,
Large, with Snaps and Rings	per gross,

SLEIGH BELLS

No. 12, Pear Shape.

PEAR SHAPE.

Nos.	10	12	14	16
Per dozen, $				

One dozen in box.

COMMON SHAPE.

Nos.	10	12	14
Per dozen, $			

One dozen in box.

We stock a full line of Neck, Back and Body Sleigh Bells on strap, also a full assortment of Gongs and Chimes. We do not illustrate our full line, as the goods are continually changing in design. We therefore think it advisable for our agents to carry a full line of samples in season as heretofore.

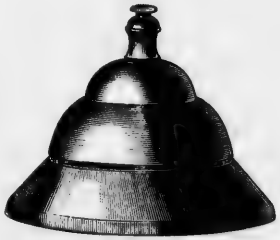
CALL BELLS

Style of No. 52.

Style of No. 71.

Style of No. 81.

No. **52**	Call Bell, 3 inches, Silver White Finish	per dozen, $
No. **71**	Call Bell, 3 inch Base, Silver White Bell, Black Base	per dozen,
No. **81**	Call Bell, 3½ inch Base, Silver White Bell, Black and Gold Base	per dozen,



Style of No. 95.

Two-thirds Size Cut of No. 3268.

No. **95**	Call Bell, Silver Plated Bell and Base	per dozen, $
No. **3268**	Call Bell, Silver Plated Bell, Bronze Base	per dozen,

Half Size Cut of No. 1008.
Style of No. 629.

Half Size Cut of No. 779.
Style of No. 1006.

No. **1008**	Call Bell, 3 inch Silver Plated Gong, 5 inch Brass Base	per dozen, $
No. **1608**	Electric Call Bell, 3 inch Silver Plated Gong, 5 inch Brass Base	per dozen,
No. **629**	Call Bell, 3 inch Silver Plated Gong, 4½ inch Brass Base	per dozen,
No. **779**	Call Bell, 3 inch Fancy Colored Gong, Brass Base	per dozen,
No. **1006**	Call Bell, 2½ inch Fancy Colored Gong, Brass Base	per dozen,

CALL BELLS

HOBBS HARDWARE CO. LONDON

Half Size Cut of No. 786.

Half Size Cut of No. 784 and 781.

No. **786**	Call Bell, Electro Plated through	per dozen, $
No. **786**	Call Bell, Electro Plated Bell, Bronzed Base	per dozen,
No. **784**	Call Bell, Electro Plated	per dozen,
No. **784**	Call Bell, Bronzed	per dozen,
No. **781**	Electric Call Bell, Electro Plated	per dozen,
No. **781**	Electric Call Bell, Bronzed	per dozen,

Half Size Cut of No. 496 x 3½ inch.
Style of No 632.

Half Size Cut of No. 334.
Style of No. 569.

No. **496**	Call Bell, 3¼ inch Silver Plated Gong, Brass Base	per dozen, $
No. **496**	Call Bell, 3½ inch Silver Plated Gong, Brass Base	per dozen,
No. **632**	Call Bell, 3 inch Silver Plated Gong, Brass Base	per dozen,
No. **334**	Call Bell, 3½ inch Silver Plated Gong, Brass Base	per dozen,
No. **569**	Call Bell, 3 inch Silver Plated Gong, Brass Base	per dozen,

TEA BELLS

Style of No. 132 and 182.

Style of No. 2.

No. **132**	Concave Tea Bell, Nickel Silver Finish, Metal Handles	per dozen, $
No. **182**	Concave Tea Bell, Nickel Silver Finish, Cocobola Handles	per dozen,
No. **2**	Tea Bell, Black Enameled Handles	per dozen,

One dozen in a box.

SWISS HAND BELLS

Half Size Cut of No. 6 and 106

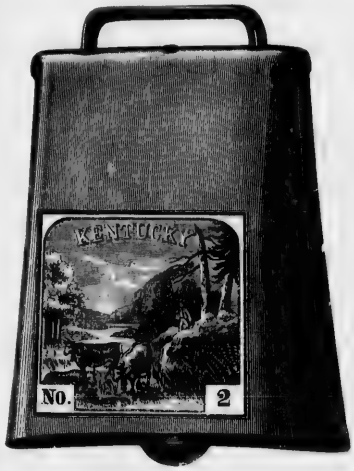
PURE BELL METAL.

MAHOGANY HANDLES, FINE POLISH AND FULL SIZE.

Nos.	**2**	**4**	**6**	**8**	**10**	**12**
Per dozen,	$3 50	6 50	11 25	17 00	30 00	36 00

NICKEL PLATED.

Nos.	**102**	**104**	**106**	**108**	**110**	**112**
Per dozen,	$3 50	6 50	11 25	17 00	30 00	36 00

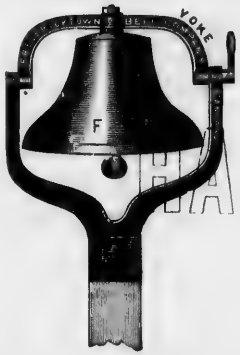


COW BELLS

HOBBS—

KENTUCKY.

Nos.	1	2	3	4	5	6	7
Height without Loop,	6½	5¼	4½	4	3½	2½	2¼ inch
Per dozen,	$11 00	8 00	6 00	5 00	3 50	2 50	2 25



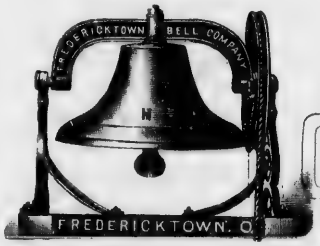
FARM BELLS

HARDWARE CO.

BRONZED.

NO.	DIAMETER.	WEIGHT.	PRICE EACH.
A	16¼ inches	50 lbs.	$ 5 00
B	16⅝ inches	56 lbs.	5 60
C	18¾ inches	65 lbs.	6 50
D	19½ inches	75 lbs.	7 50
E	19¾ inches	90 lbs.	9 00
F	21½ inches	100 lbs.	10 00

SCHOOL AND CHURCH BELLS



LONDON

NO.	DIAMETER.	WEIGHT.	PRICE BRONZED.
H	23½ inches	175 lbs.	$17 00

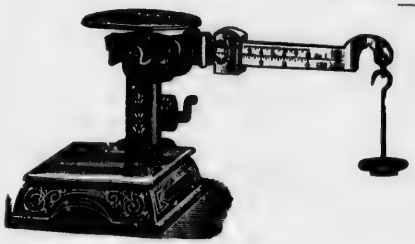
Add $1.00 net for Frame and Bolts.

NO.	DIAMETER.	WEIGHT.	PRICE BRONZED.
9	28 inches	350 lbs.	$ 55 00
10	31 inches	500 lbs.	110 00

COUNTER AND PLATFORM
STANDARD SCALES

MANUFACTURED FOR US BY

OSBORNE & CO.



UNION POSTAL SCALE.

Specially Designed

THE ACME OF PERFECTION.

BEAUTIFULLY FINISHED. STRONG AND DURABLE.

NICKEL PLATED BEAM, PLATFORM AND PLATE.

Capacity.....¼ oz. to 10 lbs.
Price.....$8 00

The most convenient Scale ever made for Banks, Mercantile and Professional Offices, and Private Houses. A beautiful and useful ornament.

Postal Scales are not Required to be Stamped.

IMPROVED POSTAL SCALE.

May be used for general weighing of small article.

CAPACITY.

No. 2 ½ oz. to 8 ozs. $2 50
No. 1 ½ oz. to 34 ozs 4 55

IMPROVED BUTTER SCALE.

WITH PORCELAIN PLATE.

No. 3	With weights	¼ oz. to 6 lbs.	$4 30
No. 2	With weights	¼ oz. to 10 lbs.	5 45
No. 1	With weights	¼ oz. to 17 lbs.	7 10
No. 3	With weights and side beam	¼ oz. to 6 lbs.	5 20
No. 2	With weights and side beam	¼ oz. to 10 lbs.	6 54
No. 1	With weights and side beam	¼ oz. to 17 lbs	8 50

IMPROVED EVEN BALANCES.

Without Weights.	Capacity.	With Tin Scoop.	With Brass Scoop.
No. 3	¼ oz. to 4 lbs.	$2 80	$3 55
No. 2	¼ oz. to 6 lbs.	3 25	4 60
No 1	¼ oz. to 10 lbs.	4 10	5 10
With Weights Complete.			
No. 3	¼ oz. to 4 lbs.	3 50	4 25
No. 2	¼ oz. to 6 lbs.	4 25	5 50
No. 1	¼ oz. to 10 lbs.	5 50	6 50

IMPROVED EVEN BALANCES.

WITH SIDE BEAM.

Without Weights.	Capacity.	With Tin Scoop.	With Brass Scoop.
No. 3	¼ oz. to 4 lbs	$3 40	$4 15
No. 2	¼ oz. to 6 lbs.	4 00	4 75
No. 1	¼ oz. to 10 lbs.	5 00	6 00
With Weights Complete.			
No. 3	¼ oz. to 4 lbs.	4 10	4 85
No. 2	¼ oz. to 6 lbs.	5 40	6 15
No. 1	¼ oz. to 10 lbs.	6 50	7 50

"TRADE" EVEN BALANCES.

WITH SIDE BEAM AND WEIGHTS COMPLETE.

¼ oz. to 5 lbs., with Tin Scoop.....$4 00
Boxed three in a box.

¼ oz. to 8 lbs., with Tin Scoop..... 5 00
Boxed two in a box.

GROCERS' IMPROVED TRIP SCALE.

Without Weights.	Capacity.	With Tin Scoop.	With Brass Scoop.
No. 3	¼ oz. to 6 lbs.	$3 40	$4 15
No. 2	¼ oz. to 10 lbs.	4 25	5 25
No. 1	¼ oz. to 17 lbs.	5 35	6 60
With Weights Complete.			
No. 3	¼ oz. to 6 lbs.	4 30	5 05
No. 2	¼ oz. to 10 lbs	5 45	6 45
No. 1	¼ oz. to 17 lbs.	7 10	8 35

STAMPING EXTRA.

SCALES

GROCERS' IMPROVED TRIP SCALE.

WITH SIDE BEAM.

Without Weights.	Capacity.	With Tin Scoop.	With Brass Scoop.
No. 3	¼ oz. to 6 lbs.	$4 30	$5 05
No. 2	¼ oz. to 10 lbs.	5 25	6 25
No. 1	¼ oz. to 17 lbs.	6 50	7 80
With Weights Complete.			
No. 3	¼ oz. to 6 lbs.	5 20	6 00
No. 2	¼ oz. to 10 lbs.	6 45	7 45
No. 1	¼ oz. to 17 lbs.	8 30	9 55

BUTCHERS' IMPROVED TRIP SCALE.

Without Side Beam.	No. 1. 17 lbs.	No. 2. 10 lbs.	No. 3. 6 lbs.
Brass plate and iron plate	$ 8 60	$6 15	$5 10
Porcelain plate and iron plate	9 10	7 45	6 00
Porcelain plate and brass plate	10 60	8 45	6 50
With Side Beam.			
Brass plate and iron plate	9 80	7 00	6 00
Porcelain plate and iron plate	10 30	8 45	7 00
Porcelain plate and brass plate	11 80	9 40	7 50

GROCERS' IMPROVED TEA SCALE.

Without Side Beam.	Capacity.	Price.
No. 3 With weights and brass dish	¼ oz. to 6 lbs.	$5 00
No. 2 With weights and brass dish	¼ oz. to 10 lbs.	6 40
No. 1 With weights and brass dish	¼ oz. to 17 lbs.	8 40
With Side Beam.		
No. 3 With weights and brass dish	¼ oz. to 6 lbs.	6 00
No. 2 With weights and brass dish	¼ oz. to 10 lbs.	7 50
No. 1 With weights and brass dish	¼ oz. to 17 lbs.	9 75

GROCERS' IMPROVED SCALE WITH SINGLE BEAM.

	Capacity.	With Tin Scoop.	With Brass Scoop.
No. 2 With light base	½ oz. to 40 lbs.	$8 00	$ 9 00
No. 1 With heavy base	½ oz. to 60 lbs.	9 00	10 00

With sliding poise instead of notched beam, $1.00 extra.

IMPROVED UNION MEAT SCALE.

WITH PORCELAIN PLATE.

	Capacity.	
Single beam	½ oz. to 240 lbs.	$11 40
Double Beam	½ oz. to 240 lbs.	12 30

With sliding poise instead of notched beam, $1.00 extra.

GROCERS' IMPROVED SCALE WITH DOUBLE BEAM.

	Capacity.	With Tin Scoop.	With Brass Scoop.
No. 2 With light base	½ oz. to 40 lbs.	$ 9 00	$10 00
No. 1 With heavy base	½ oz. to 60 lbs.	10 00	11 00

With sliding poise instead of notched beam, $1.00 extra.

GROCERS' MEAT SCALE.

WITH ROUND OR SQUARE PLATE.

	Capacity.	Price.
Porcelain Plate, notched beam	60 lbs.	$10 00
Porcelain Plate, sliding poise	60 lbs.	11 00

STAMPING EXTRA.

HOBBS HARDWARE CO. LONDON

GROCERS' "DETECTIVE" SCALES

No. 1.

Capacity—½ oz. to 60 lbs.....Price, $8 50

No. 2.

Capacity—½ oz. to 40 lbs.....Price, $7 00

TWO IN A BOX.

No. 3.

Capacity—½ oz. to 20 lbs.....Price, $6 00

TWO IN A BOX.

No. 4.

Capacity—½ oz. to 10 lbs.....Price, $5 00

THREE IN A BOX.

No. 5.

Capacity—½ oz. to 6 lbs.....Price, $4 00

THREE IN A BOX.

STAMPING EXTRA.

Improved Union or Family Scale.

SINGLE BEAM.

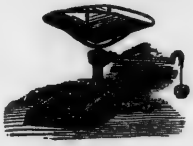
Capacity.	With Tin Scoop.	With Brass Scoop.
½ oz. to 240 lbs.	$10 45	$11 40

DOUBLE BEAM.

Capacity.	With Tin Scoop.	With Brass Scoop.
½ oz. to 240 lbs.	$11 40	$12 30

With Sliding Poise instead of Notched Beam, $1 extra.

UNION OR FAMILY SCALE.



STAMPING EXTRA.

"Champion" Union Scales.

Capacity—No. 1, ½ oz. to 200 lbs. (Tin Scoop).

	Grade 3, Plain Black.	Grade 2, First-class Finish.	Grade 1, Extra Finish.
No. 1	$7 00	$7 50	$9 00

Capacity—No. 2, ½ oz. to 240 lbs. (Tin Scoop.)

	Grade 3, Plain Black.	Grade 2, First-class Finish.	Grade 1, Extra Finish.
No. 2	$7 50	$8 00	$10 45

SCALES

IMPROVED BUTCHERS' SCALE.

NICKEL PLATED BRASS BEAM AND BRASS SLIDING POISE.

	Capacity.	Price.
With Tin Dish	10 lbs.	$10 00
With Tin Dish	50 lbs.	11 00
With Porcelain Slab	50 lbs.	12

STAMPING EXTRA.

FIG. 1.

IMPROVED BUTCHERS' SCALE.

IMPROVED BUTCHERS' SCALE.

BRASS BEAMS AND BRASS ENDS.

FIG. 1.

HANDSOMELY NICKEL PLATED. BRASS SLIDING POISE AND PORCELAIN PLATE.

Capacity.	Price.
75 lbs	$24 00

STAMPING EXTRA.

IMPROVED BUTCHERS' SCALE.

PORTABLE—WITH STAND.

Porcelain Slab.....Capacity, 50 lbs.....Price, $12 60

STAMPING EXTRA.

IMPROVED STEELYARD.

TO WEIGH BY HAND.

Capacity,	25 lbs	Price, $5 50
"	50 lbs	" 6 25
"	60 lbs	" 7 25
"	100 lbs	" 8 50

STAMPING EXTRA.

IMPROVED STEELYARD.

WITH ATTACHMENT TO FASTEN TO WAGON.

Capacity,	25 lbs	Price, $6 25
"	50 lbs	" 7 00
"	60 lbs	" 8 00
"	100 lbs	" 9 25

STAMPING EXTRA.

HARDWARE CO.
LONDON

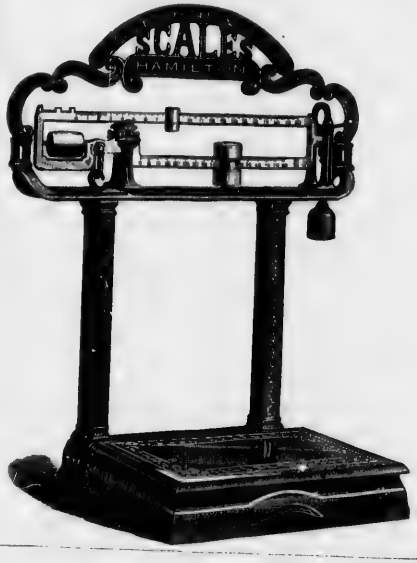
WEIGH BEAMS

SUPERIOR NOTCHED AND POLISHED BEAMS, WITH WEIGHTS.

Heavy No. 1.

Capacity:	Pounds,	200	250	300	400	500	600
	Each,	$4 40	4 70	5 00	5 60	6 00	6 50

COUNTER PLATFORM SCALES



CANADIAN COUNTER SCALE.

VERY ATTRACTIVE.

NICKEL PLATED BEAMS AND SLIDING POISES.

HANDSOMELY FINISHED.

CAPACITY.	PLATFORM.	PRICE.
200 lbs.	12 X 15.	$24 00.

This Scale has a large Platform in proportion to room occupied. The beam can be easily read from both sides, being placed above the cap.

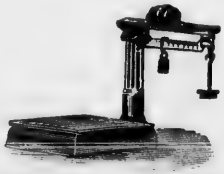
STAMPING EXTRA.

IMPROVED

SHORT PILLAR COUNTER SCALE.

	CAPACITY.	PLATFORM.	PRICE.
No. 12	300 lbs.	14 X 19 in.	$15 00.

STAMPING EXTRA.



IMPROVED SHORT PILLAR COUNTER SCALE.

SCALES

DRUGGISTS' BOX SCALES.

Box Scales No. 1.

FINE HARDWOOD BOX, WITH DIAL.

VERY ELEGANT SCALE.

No. 1	Capacity 10 lbs.	$18 00
No. 2	Capacity 15 lbs.	21 00
No. 4	Capacity 25 lbs.	24 00

All Druggists' Scales are priced without Weights

STAMPING EXTRA.

GROCERS' ENGLISH PATENT AGATE SCALES.

No. 940.

Style of No. 926.

No. 923

Brass Dish or Scoop.

Length of Beams, Inch,	12	14	16
Each, $			

Length of Beams, Inch,	12	14	16	18
Pounds,	2	4	7	14
Each, $				

No. 926, Scoop.

Length of Beam,	Inch,	14	18
	Pounds,	8	15
	Each, $		

SCALES

IMPROVED PORTABLE PLATFORM SCALES.

WITHOUT WHEELS.

	Capacity.	Platform.	Price.
No. 12	300 lbs.	19 x 14 inches	$16 00
No. 11½	500 lbs.	22 x 15 inches	19 50
No. 11	600 lbs.	25 x 16 inches	23 50
No. 10½	1,000 lbs.	26 x 17 inches	26 00
No. 10	1,200 lbs.	28 x 20 inches	31 00
No. 9	1,500 lbs.	28 x 21 inches	34 00
No. 8	2,000 lbs.	30 x 23 inches	37 00
No. 7	2,500 lbs.	30 x 23 inches	47 00

STAMPING EXTRA.

WITH WHEELS.

	Capacity.	Platform.	Price.
No. 12	300 lbs.	19 x 14 inches	$18 00
No. 11½	500 lbs.	22 x 15 inches	21 50
No. 11	600 lbs.	25 x 16 inches	25 50
No. 10½	1,000 lbs.	26 x 17 inches	29 00
No. 10	1,200 lbs.	28 x 20 inches	34 00
No. 9	1,500 lbs.	28 x 21 inches	37 00
No. 8	2,000 lbs.	30 x 23 inches	40 00
No. 7	2,500 lbs.	30 x 23 inches	50 00

STAMPING EXTRA.

PLATFORM SCALES.

WITH HEAVY WHEELS AND DROP LEVER.

	Capacity.	Platform.	Price.
No. 10	1,200 lbs.	26 x 17 inches	$33 00
No 9	1,500 lbs.	28 x 20 inches	38 00
No. 8	2,000 lbs.	28 x 21 inches	46 00
No. 7	2,500 lbs.	30 x 23 inches	51 00
No. 6	3,000 lbs.	30 x 23 inches	61 00

STAMPING EXTRA.

IMPROVED SALT, MEAT AND FISH SCALE.

IMPROVED SALT, MEAT AND FISH SCALE

	Capacity.	Platform.	No Wheels.	With Wheels.
No. 1	600 lbs.	25 x 16 inches	$25 00	$27 00
No. 2	1,000 lbs.	26 x 17 inches	30 00	32 00

STAMPING EXTRA.

SCALES

IMPROVED PORK AND GRAIN OR WHEELBARROW SCALE.

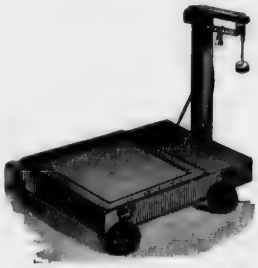
WITH BROAD PLATFORM.

FOR WEIGHING BULKY ARTICLES.

	Capacity.	Platform.	With Wheels.	Without Wheels.
No. 1	1,500 lbs.	42 x 30 inches	$70 00	$65 00
No. 2	2,000 lbs.	44 x 36 inches	80 00	75 00

STAMPING EXTRA.

IMPROVED PORTABLE WAREHOUSE SCALE.



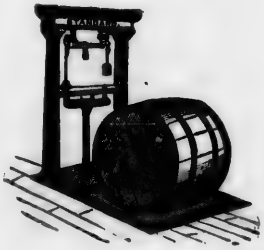
	Capacity.	Platform.	With Wheels.	Without Wheels.
No. 8	2,000 lbs.	21 x 31 inches	$ 50 00	$ 46 00
No. 7	2,500 lbs	25 x 34 inches	63 00	60 00
No. 5	3,000 lbs.	31 x 30 inches	68 00	65 00
No. 4	3,500 lbs.	42 x 44 inches	85 00	80 00
No. 1	5,000 lbs.	48 x 40 inches	110 00	100 00

STAMPING EXTRA.

IMPROVED DORMANT WAREHOUSE SCALE.

WITH ONE PILLAR. DROP LEVER.

IMPROVED DORMANT WAREHOUSE SCALE.



WITH TWO IRON PILLARS.

HANDSOMELY FINISHED THROUGHOUT.

	Capacity.	Platform.	Price.
No. 8	2,000 lbs.	21 x 31 inches	$ 46 00
No. 7	2,500 lbs.	25 x 34 inches	60 00
No. 5	3,000 lbs.	31 x 40 inches	65 00
No. 4	3,500 lbs.	42 x 44 inches	70 00
No. 3	4,000 lbs.	42 x 44 inches	75 00
No. 1	5,000 lbs.	48 x 48 inches	100 00

STAMPING EXTRA.

	Capacity.	Platform.	Price.
No. 5	3,000 lbs.	31 x 40 inches	$ 80 00
No. 4	3,500 lbs.	42 x 48 inches	90 00
No. 1	5,000 lbs.	48 x 48 inches	120 00

STAMPING EXTRA.

LONDON HARDWARE CO.

SCALES

IMPROVED ROLLING MILL OR IRON SCALE.

WITH RUBBER SPRING PLATFORM.

	Capacity.	Platform.	Price.
No. 2	2,500 lbs.	30 x 23 inches	$ 90 00
No. 1	4,000 lbs.	39 x 30 inches	120 00

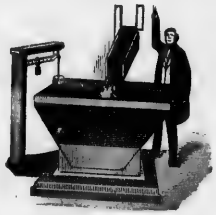
STAMPING EXTRA.

IMPROVED DORMANT FLOUR SCALE.

TO BE USED WITHOUT PRESS.

Capacity.	Platform.	Price.
600 lbs.	25 x 16	$25 00

IMPROVED DORMANT HOPPER SCALE.



WITH SINGLE PILLAR.

Capacity,	40 bushels	$ 65 00
"	60 bushels	75 00
"	100 bushels	100 00

WITH TWO IRON PILLARS.

SLIDING POISE AND GRADUATED COUNTER POISE. ELEGANTLY FINISHED.

Capacity,	60 bushels	$ 85 00
"	100 bushels	110 00
"	125 bushels	150 00
"	300 bushels	250 00

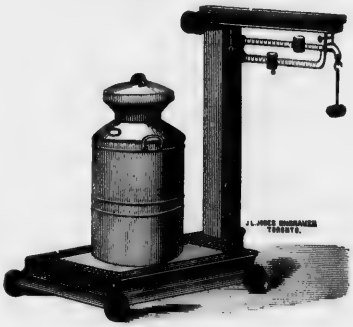
The above prices are exclusive of the Hopper, which we supply, if required, at purchaser's expense

Our Patent Combination Grain Beam will weigh in pounds or bushels of any kind of grain. Send for particulars. Price $30.00.

Any Size Hopper Scales made to order.

STAMPING EXTRA.

IMPROVED DAIRY SCALE.



IMPROVED DAIRY SCALE.

DOUBLE BEAM, WITH SLIDING POISE.

	Capacity.	With Wheels.	Without Wheels.
No. 2	600 lbs	$27 00	$25 00
No. 1	1,000 lbs	32 00	30 00

STAMPING EXTRA.

IMPROVED FIVE-BEAM DAIRY SCALE.

WITH HEAVY WHEELS.

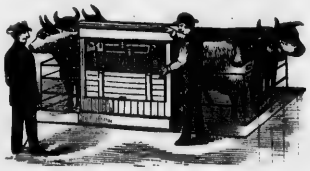
This Scale has a Compound Beam for Weighing and Registering separately The weighing is all done with the poises, and effects a great saving in time over other scales, as different quantities of milk may be registered as they are poured into the can.

	Capacity.	Price.
No. 2	600 lbs	$40 00
No. 1	1,000 lbs	45 00

STAMPING EXTRA.

SCALES

IMPROVED STOCK SCALE.



IMPROVED STOCK SCALE.

Capacity.	Platform.	Price.
3 tons.	14 feet x 8 feet 3 inches	$125 00
4 tons.	" " "	150 00
5 tons.	" " "	175 00
6 tons,	" " "	200 00

WITH DOUBLE BEAM, $10 EXTRA.

The above prices are exclusive of timber and foundation and all labor in erection, which are to be furnished at purchaser's expense.

Plan of Foundation and Specification of Lumber required will be furnished on application.

Special discount on these Scales given on application.

STAMPING EXTRA.

IMPROVED COAL SCALE.

Capacity.	Platform.	Price.
3 tons.	13 feet x 8 feet	$125 00
4 tons.	" "	150 00

WITH DOUBLE BEAM, $10 EXTRA.

The above prices are exclusive of timber and foundation and all labor in erection, which are to be furnished by purchaser.

Plan of Foundation and Specification of Lumber required will be furnished on application.

Special discount on these Scales given on application.

STAMPING EXTRA.

IMPROVED HAY SCALE.

Capacity.	Platform.	Price.
3 tons.	14 feet x 9 feet	$125 00
4 tons.	" "	150 00
5 tons.	" "	175 00
6 tons.	" "	200 00
8 tons.	" "	225 00
10 tons.	" "	250 00
15 tons.	" "	275 00

WITH DOUBLE BEAM, $10 EXTRA.

The above prices are exclusive of timber and foundation and all labor in erection, which are to be furnished by purchaser.
Plan of Foundation and Specification of Lumber required will be sent on application.
Special discount on above Scales given on application.

STAMPING EXTRA.

SCALES

"OUR SPECIALTY" PORTABLE PLATFORM SCALES.

WITH WHEELS.

No. 11½	Capacity, 600 lbs.	Platform, 22 x 15 inches	Price, $19 00
No. 11	" 900 lbs.	" 25 x 16 inches	" 23 00
No. 10½	" 1200 lbs.	" 26 x 17 inches	" 28 00
No. 10	" 1600 lbs.	" 28 x 20 inches	" 34 00
No. 9	" 2000 lbs.	" 28 x 21 inches	" 37 00
No. 8	" 2500 lbs.	" 30 x 23 inches	" 40 00
No. 7	" 3000 lbs.	" 30 x 23 inches	" 50 00

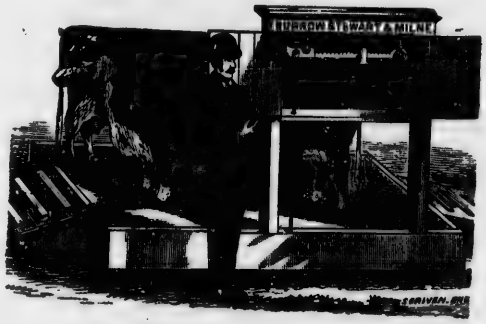
WITHOUT WHEELS.

No. 11½	Capacity, 600 lbs.	Platform, 22 x 15 inches	Price, $17 00
No. 11	" 900 lbs.	" 25 x 16 inches	" 21 00
No. 10½	" 1200 lbs.	" 26 x 17 inches	" 26 00
No. 10	" 1600 lbs.	" 28 x 20 inches	" 31 00
No. 9	" 2000 lbs.	" 28 x 21 inches	" 34 00
No. 8	" 2500 lbs.	" 30 x 23 inches	" 37 00
No. 7	" 3000 lbs.	" 30 x 23 inches	" 47 00

WITH HEAVY WHEELS AND DROP LEVER

No. 10½	Capacity, 1200 lbs.	Platform, 26 x 17 inches	Price, $33 00
No. 10	" 1600 lbs.	" 28 x 20 inches	" 38 00
No. 9	" 2000 lbs.	" 28 x 21 inches	" 46 00
No. 8	" 2500 lbs.	" 30 x 23 inches	" 51 00
No. 7	" 3000 lbs.	" 30 x 23 inches	" 64 00

FARM STOCK SCALE



A FAMILY AND GRANARY SCALE.

No. 1	Capacity, 4000 lbs.	Platform, 4 x 6 feet	Price, $60 00
No. 2	" 3000 lbs.	" 3 x 5 feet	" 50 00
No. 3	" 3500 lbs.	" 3 x 6 feet	" 55 00

SCALE WEIGHTS

STANDARD NEST WEIGHTS IN SETS.

Capacity.	Iron.	Brass.
8 oz. down	$0 54	$ 1 20
1 lb. down	68	1 80
3 lbs. down	90	3 15
5 lbs. down	1 00	3 85
6 lbs. down	1 12	4 50
7 lbs. down	1 22	5 10
10 lbs. down	1 56	7 10
17 lbs. down	2 30	11 00

SINGLE WEIGHTS SEPARATE FROM FULL SETS.

Capacity.	Iron.	Brass.
¼ oz. and ½ oz. each,	$0 08	$ 0 10
1 oz. and 2 oz.	08	18
4 oz.	08	25
8 oz.	14	50
1 lb.	14	70
2 lbs.	22	1 35
3 lbs.	32	2 00
5 lbs.	56	3 00

DRUGGISTS' AVOIRDUPOIS WEIGHTS.

BRASS BLOCK WEIGHTS.

In hardwood block, thoroughly finished in every respect.

Capacity.	Brass.	Nickel Plated.
¼ oz. to 1 lb.	$4 50	$6 00
¼ oz. to 2 lbs.	6 00	8 00
¼ oz. to 3 lbs.	7 00	9 00

DRUGGISTS' AVOIRDUPOIS WEIGHTS.

NICKEL PLATED QUEEN ANNE BLOCK WEIGHTS.

Weights are of brass, heavily nickel plated. They sit in recess on top of hardwood block.

¼ oz. to 1 lb.	$6 00
¼ oz. to 2 lbs.	8 00
¼ oz. to 3 lbs.	9 00

DRUGGISTS' AVOIRDUPOIS WEIGHTS.

NEST WEIGHTS.

VERY ACCURATELY ADJUSTED.

Capacity.	Solid Brass.	Sealed Iron.
¼ oz. to 1 lb.	$3 00	$0 50
¼ oz. to 2 lbs.	5 00	0 75
¼ oz. to 3 lbs.	6 50	1 00

WEIGHTS SUBJECT TO SAME DISCOUNT AS SCALES.

BRASS BELL WEIGHTS.

8 oz. 4 oz. 2 oz. 1 oz. ½ oz.	per set, $
1 lb.	per pound, $
2 lbs.	per pound, $
3 lbs.	per pound, $
5 lbs.	per pound, $

STAMPING 5 CENTS, NET, EXTRA FOR EACH WEIGHT.

HOBBS HARDWARE CO. LONDON

OFFICIAL PRICES

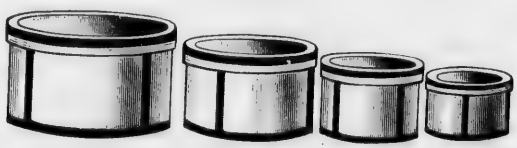
FOR

INSPECTING AND STAMPING SCALES

Description of Scale.	Price
No. 1 Even Balance, with Weights	$0 75
No. 2 " " " "	60
No. 3 " " " "	30
No. 1 " " without Weights	30
No. 2 " " " "	20
No. 3 " " " "	50
No. 1 " " Side Beam, with Weights	45
No. 2 " " " " " "	30
No. 3 " " " " " "	30
No. 1 " " " " without Weights	30
No. 2 " " " " " "	25
No. 3 " " " " " "	85
No. 1 Grocers' Trip, with Weights	80
No. 2 " " " "	75
No. 3 " " " "	30
No. 1 " " without Weights	30
No. 2 " " " "	20
No. 3 " " " "	55
No. 1 " " Side Beam, with Weights	50
No. 2 " " " " " "	45
No. 3 " " " " " "	30
No. 1 " " " " without Weights	30
No. 2 " " " " " "	20
No. 3 " " " " " "	..
Grocers' Tea Scale, same as Grocers' Trip	..
Butter Scale, same as Grocers' Trip	..
Butchers' Trip, same as Grocers' Trip	30
Lobster Packers' Scale, without Weights	30
Standard Tea Scale, without Weights	30
Druggists' Scale, with Weights	50
Grocers' Scale, Single Beam, with Weights	50
Grocers' Scale, Double Beam, " "	50
Grocers' Meat Scale, " "	50
Union Scale, " "	50
Union Meat Scale, " "	50
Butchers' Scale, " "	50
Standard Butchers' Scale, " "	50
New Butchers' Scale, " "	50
Steelyards	50
Short Pillar Counter Scale, No. 12	75

Description of Scale.	Price
No. 7 Platform Scale, with Weights	$1 50
No 8 " " " "	1 00
No. 9 " " " "	1 00
No. 10 " " " "	1 00
No. 10½ " " " "	1 00
No. 11 " " " "	1 00
No. 11½ " " " "	1 00
No. 12 " " " "	75
No. 7 " " with Drop Lever, with Weights	75
No. 8 " " " " "	1 50
No. 9 " " " " "	1 50
No. 10 " " " " "	1 00
No. 10½ " " " " "	1 00
Salt, Meat and Fish Scale, with Weights	1 00
Wheelbarrow Scale, with Weights	1 00
No. 1 Portable Warehouse Scale, with Weights	1 00
No. 4 " " " "	2 00
No. 5 " " " "	1 50
No. 7 " " " "	1 50
No. 9 " " " "	1 50
No 1 Dormant Warehouse Scale, Single Pillar, with Weights	1 00
No. 3 " " " " "	2 00
No. 4 " " " " "	1 50
No. 5 " " " " "	1 50
No. 7 " " " " "	1 50
No. 9 " " " " "	1 50
No. 1 " " " two Pillars "	1 00
No. 4 " " " " "	2 00
No. 5 " " " " "	1 50
Dairy Scale, with Weights	1 50
Five Beam Dairy Scale, " "	1 00
Dormant Flour Scale, " "	1 00
Rolling Mill or Iron Scale, " "	1 00
Dormant Hopper Scale, " "	2 00
Stock, Coal or Hay Scale, with Weights, for 3 tons $2 ; for every extra ton	2 00
Stock Scale, with Weights	50
Farmers' Even Balance Scale, " "	1 50
Farmers' Union Scale, " "	50
Farmers' Platform Scale, " same as Platform Scales.	50
	..

DRY MEASURES



WOOD, IRON BOUND. STAMPED.

One Bushel.....per dozen, $12 00
Half Bushel.....per dozen, 6 00
One Gallon Feed Boxes.....per dozen, $

One Peck.....$3 50
One Gallon..... 2 50

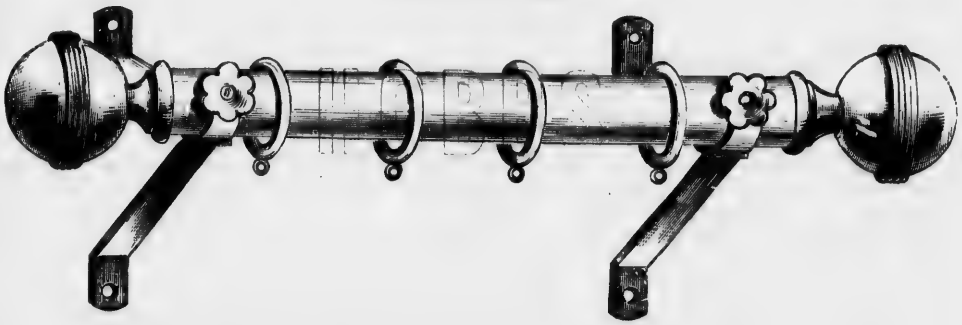
WOODEN VINEGAR MEASURES

RUBBER SOAKED.

In sets of Half Gallon, Quarts, Pints, and Wooden Funnel.....per set, $2 00

BRASS GOODS

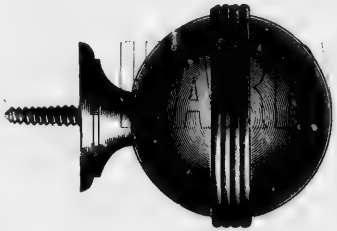
CORNICE POLES.



IN COMPLETE SETS OF ONE 5-FT. POLE, ONE PAIR OF BRACKETS, ONE PAIR OF ENDS, AND TEN RINGS, WITH EITHER WALNUT, EBONY, ASH, OR MAHOGANY POLES

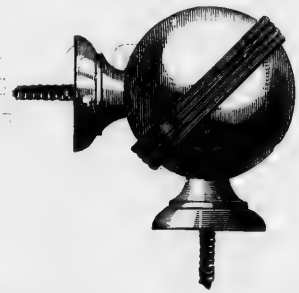
1½ inch	Burnished Brass Trimmings, Wood Poles	per set, $
2 inch	Burnished Brass Trimmings, Wood Poles	per set,

BRASS POLE ENDS.



1½ inch	Brass Pole Ends	per pair, $
2 inch	Brass Pole Ends	per pair,

BRASS BALL JOINTS.



1½ inch	Brass Ball Joints	per pair, $
2 inch	Brass Ball Joints	per pair,

BRASS POLE RINGS.

1¾ inch	Brass Pole Rings	per set of 10, $
2¼ inch	Brass Pole Rings	per set of 10,

BRASS POLE BRACKETS.

1½ inch	Brass Pole Brackets	per pair, $
2 inch	Brass Pole Brackets	per pair,

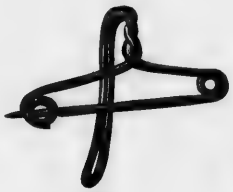
DRAPERY HOOKS

CUTS EXACT SIZE.

DRAPERY SNAPS.

TO PIN ON INSTEAD OF SEWING.

No. **324.**
Per gross....$



No. **327.**
Per gross....$

No. **330.**
Per gross....$

OPEN.

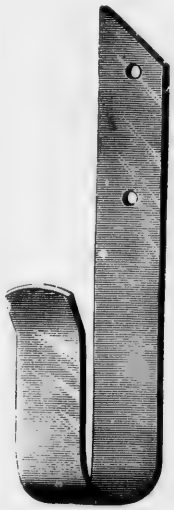
CLOSED.

No. **350.**
Per gross....$

ONE GROSS IN A BOX.

TASSEL HOOKS

CUTS FULL SIZE.



No. 86.

No. 430.

No. 131.

No. 28.

No. **86**	Tassel Hooks, Brass, Burnished	per gross, $
No. **430**	" " " "	per gross,
No. **131**	" " Sheet Brass Plate, Cast Hook	per gross,
No. **28**	" " " " "	per gross,
No. **333**	" " " " "	per gross,

QUARTER GROSS IN A BOX.

BRASS

CURTAIN AND SCREW RINGS

CURTAIN RINGS

No. 20	⅜ inch	.....	per gross, $
No. 20	¼ "	.....	"
No. 20	5/16 "	.....	"
No. 18	⅜ "	.....	"
No. 18	7/16 "	.....	"
No. 18	½ "	.....	"
No. 18	⅝ "	.....	"
No. 18	¾ "	.....	"
No. 16	½ "	...	"
No. 16	⅝ "	.....	"
No. 16	¾ "	.....	"
No. 15	½ "	.....	"
No. 14	⅝ "	.....	"
No. 14	¾ "	.....	"
No. 16	⅞ "	.....	"
No. 14	1 "	.....	"
No. 10	1¼ "	.....	"
No. 8	1¼ "	.....	"

SCREW RINGS

GIMLET POINTED.

No. 18	⅜ inch	.....	per gross, $
No. 18	½ "	.....	"
No. 18	⅝ "	.....	"
No. 16	¾ "	.....	"
No. 14	1 "	.....	"

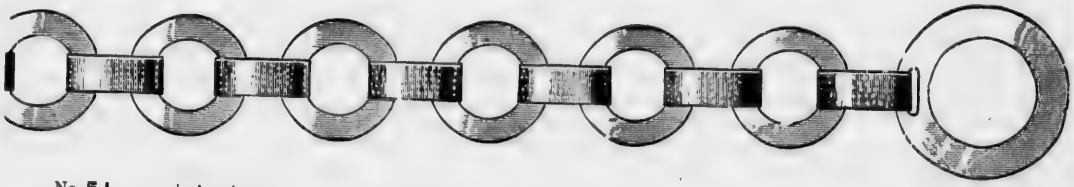
KEY RINGS

No. 4395	Flat, Nickel Plated	.....	per gross, $
No. 4835	Round, Gilt	.....	per gross,
No. 40	Beveled, Nickel Plated	.....	per gross,

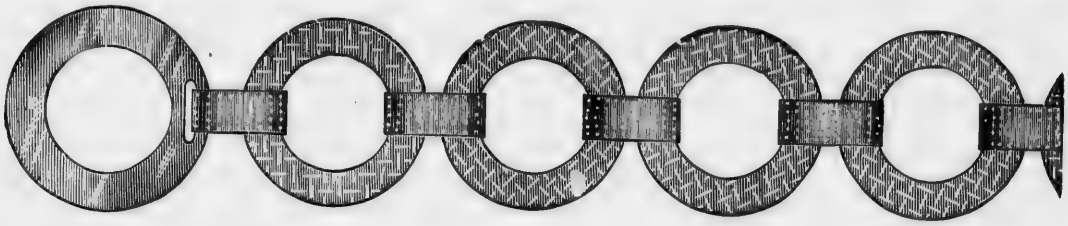
ON CARDS OF ONE DOZEN ASSORTED.

ONE GROSS IN BOX.

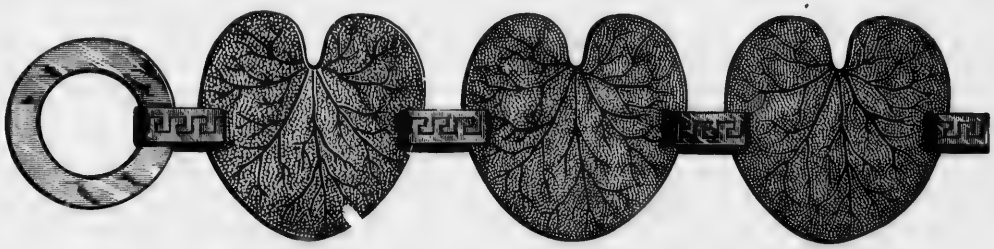
BRASS CURTAIN CHAINS



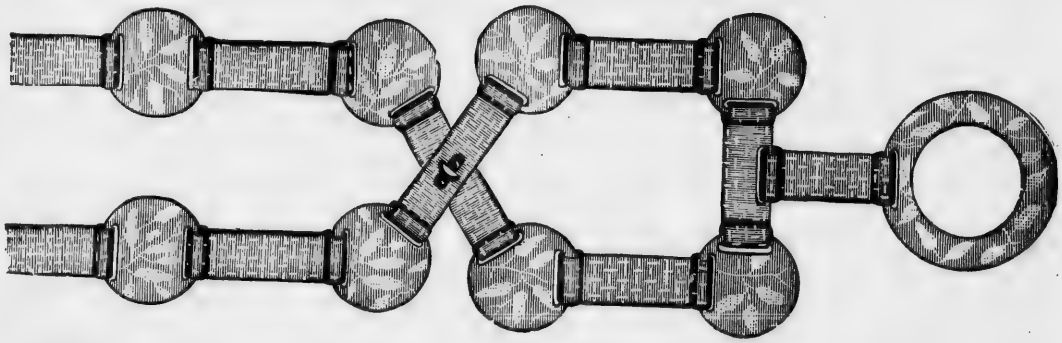
No. **5J** 30 inches long . . . . . per pair, $



No. **3G** 30 inches long . . . . . per pair, $

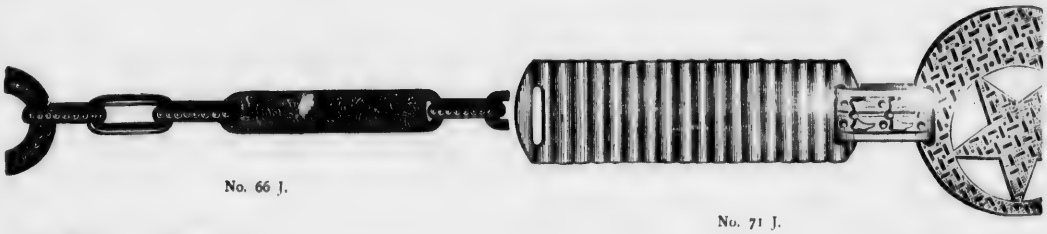


No. **4J** 30 inches long . . . . . per pair, $



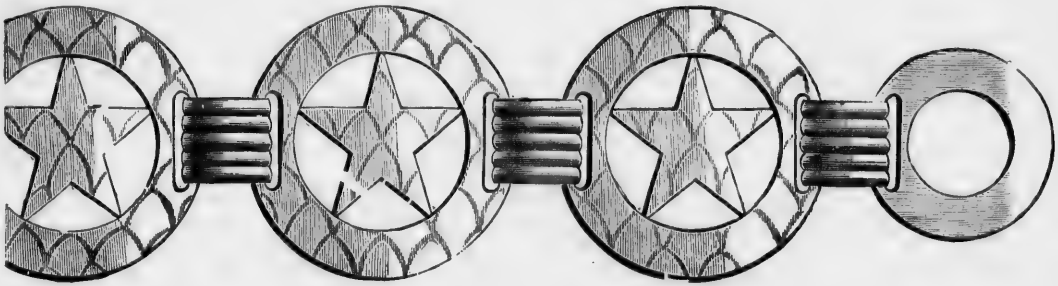
No. **2G** 30 inches long . . . . . per pair, $

BRASS CURTAIN CHAINS

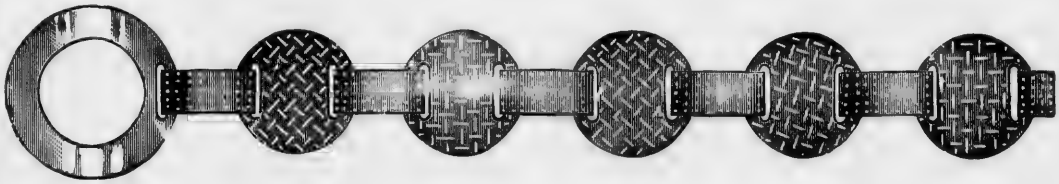


No. 66 J. No. 71 J.

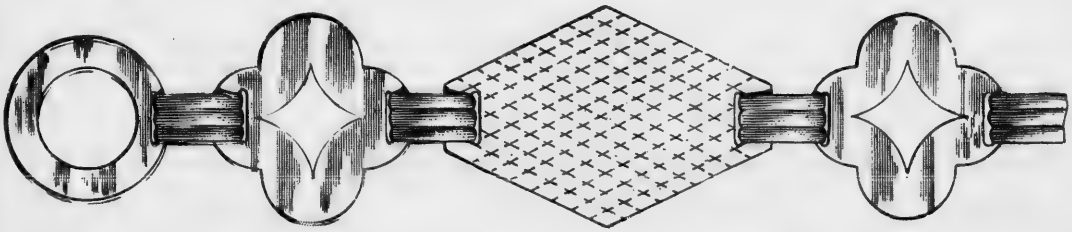
No. **66 J** 30 inches long - - - - - - - - - - - - - - - per pair, $
No. **71 J** 30 inches long - - - - - - - - - - - - - - - per pair, $



No. **221G** 30 inches long - - - - - - - - - - - - - - - per pair, $

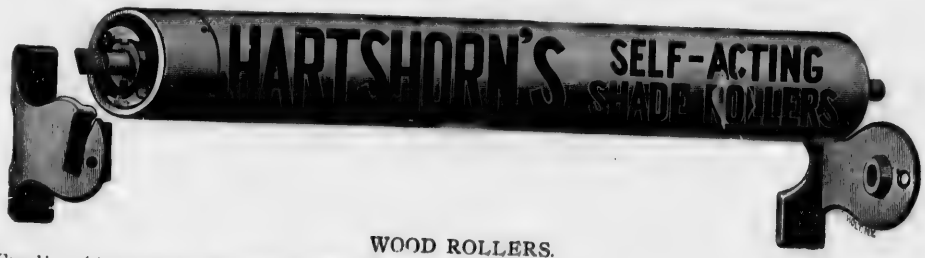


No. **1 G** 30 inches long - - - - - - - - - - - - - - - per pair, $



No. **122G** 30 inches long - - - - - - - - - - - - - - - per pair, $

SHADE OR BLIND ROLLERS



WOOD ROLLERS.

"Grand"—⅞ inch, suitable for shades 7 feet and under in length	per dozen, $
"Alert" — 1 inch, suitable for shades 7 feet and under in length	per dozen,

TIN ROLLERS.

1¼ inch Rollers from 2 feet 6 inches to 4 feet in length	each, $
1¼ inch Rollers from 4 feet to 5 feet in length	each,
1¾ inch Rollers over 3 feet 6 inches in length	per foot

NICKEL SHADE PULLS

CUTS FULL SIZE.

No. 150 x 1½ inch.

No 50½ and 113.

No. 150 x 2 inch.

No. **50½**	2 inch Nickel	per dozen, $
No. **113**	2 inch Nickel, the same style as above, with washer to fit on the edge of the slat instead of the clasp	per dozen
No. **150**	1½ inch Nickel Plated	per dozen
No. **150**	2 inch Nickel Plated	per dozen

Packed 3 dozen in a box.

NICKEL SHADE PULLS

CUTS FULL SIZE.

No. **36** 4 inch Nickel Plated - - - - - - - - - - per dozen, $

No. **32** 4 inch Nickel - - - - - - - - - - per dozen, $

No. **4** 3½ inch, Nickel - - - - - - - - - - per dozen, $

PACKED ONE DOZEN IN A BOX.

BRASS PICTURE HOOKS

Full Size Cut of 1 inch.

Full Size Cut of 1¼ inch.

Full Size of 1½ inch.

BRASS BURNISHED

No. 74	For 1 inch Moulding	per gross, $
No. 75	For 1¼ inch Moulding	per gross
No. 172	For 1½ inch Moulding	per gross

Packed ¼ gross in a box.

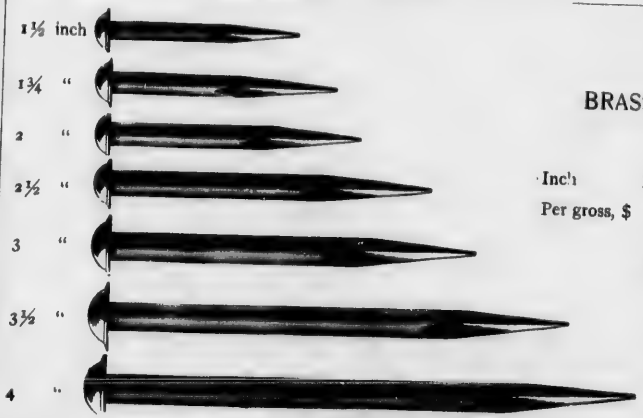
PATENT PICTURE NAILS

Full Size Cut of No. 9.

Full Size Cut of No. 101 to 107.

No. 50	White Porcelain Centre, Plain Brass Rim (small)	per gross, $
No. 9	White Porcelain Centre, Plain Brass Rim	"
No. 9	Ruby Glass Centre, Plain Brass Rim	"
No. 9	Blue Glass Centre, Plain Brass Rim	"
No. 101	Ruby Rose Centre, Plain Rim	"
No. 105	Ruby Star Centre, Plain Rim	"
No. 106	Green Star Centre, Plain Rim	"
No. 107	Blue Star Centre, Plain Rim	"

Quarter gross in a box, 2½ or 3 inch Spikes. Slide or Screw Head.

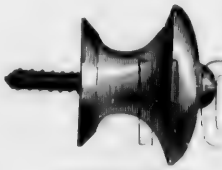


BRASS CAPPED PICTURE NAILS

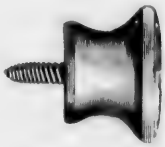
Inch	1½	1¾	2	2½	3	3½	4
Per gross, $							

Packed one gross in package.

PORCELAIN SHUTTER KNOBS



Style of Loose Screw.



Style of Fast Screw.

LOOSE SCREW.

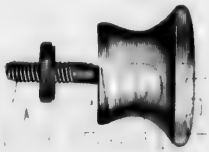
Size, inch	⅝	¾	⅞	1	1⅛	1¼	1½	1¾	2
No. 10 Round Head, Tinned Screw, per gross, $									

FAST SCREW.

Size, inch	⅝	¾	⅞	1	1¼	1½	1¾	2
Fast Screw, Porcelain Shutter Knobs, per gross, $								

DRAWER KNOBS

PORCELAIN.



Size, inch	¾	1	1¼	1½	1¾	2
Porcelain Drawer Knobs, per gross, $						

BLACK WALNUT DRAWER KNOBS

Plain Face.

Beaded Face.

PLAIN FACE.

Size, inch	1	1¼	1½	1¾	2
Per gross, $					

BEADED FACE.

Size, inch	1	1¼	1½	1¾	2
Per gross, $					

All above packed one-half Gross in box.

CHINA NAILS AND DISCS

CHINA NAILS.

No. 37.

No. 37½.

DISCS.

No. 137.

No. 137½.

China Nails.

No. **37**	China Head Nails	per 1000, $
No. **37½**	China Head Nails	per 1000,

Discs, Gilt or Silvered.

No. **137**	Plain or Fancy (as per cut)	per 1000, $
No. **139½**	Plain or Fancy (as per cut)	per 1000,

PACKED ONE THOUSAND IN A PACKAGE.

BRASS HEAD UPHOLSTERERS' NAILS

No. 43.

No. **43**	Small	per 1000, $
No. **42**	Medium	per 1000,
No. **41**	Large	per 1000,

PACKED ONE THOUSAND IN A PACKAGE

No. 42.

BRAIDED WIRE PICTURE CORD

TINNED.

No. 0

No. 1

No. 2

No. 3

No. 4

No. 5

Full size cuts of Braided Wire.

Wire Picture Cord--In Coils.

TINNED—BRAIDED.

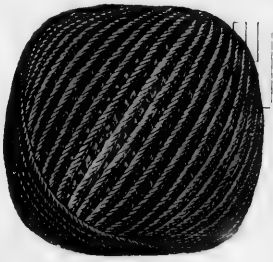
No. **0**	Per 25 yard coils	$
No. **1**	" "	
No. **2**	" "	
No. **3**	" "	
No. **4**	" "	
No. **5**	" "	

GILT—BRAIDED.

No. **00**	Per 25 yard coils	$
No. **0**	" "	
No. **01**	" "	
No. **02**	" "	
No. **03**	" "	

PICTURE CORD AND SHADE LINE

HOBBS



BALL CORD.

SHADE AND PICTURE CORD.

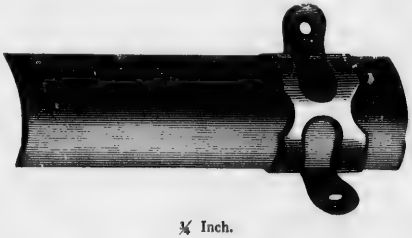
HALF GROSS HANKS, ONE GROSS YARDS IN PACKAGE.

Cotton Picture Cord, Balls, Crimson or Green - - - - - - -	per dozen balls, $
Cotton Picture or Shade Cord, Hanks, Crimson or Green - - - - - -	per gross yards

PLAIN BRASS STAIR RODS

HARDWARE CO.

OVAL, WITH NEW STYLE PATENT LOOPS.



¾ Inch.

Length, Inches	21	22	24	25	26	27	28	30	32
Width, ¾ inch, per doz., $									
Patent Loops (only) - - - - - - - -									per gross, $

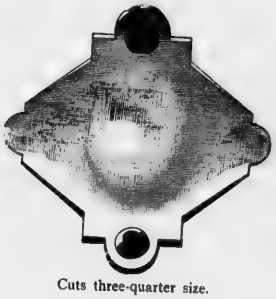
ENGLISH ROUND STAIR RODS.

LONDON

TURNED BRASS.

Length, inches	22	23	24	26	27	28	30	32	34
Per dozen, with eyes, $									
Per dozen, without eyes									
Eyes only - - - - - - - - - -									per gross, $

STAIR PLATES



Cuts three-quarter size.

FOR FASTENING STAIR CARPETS.

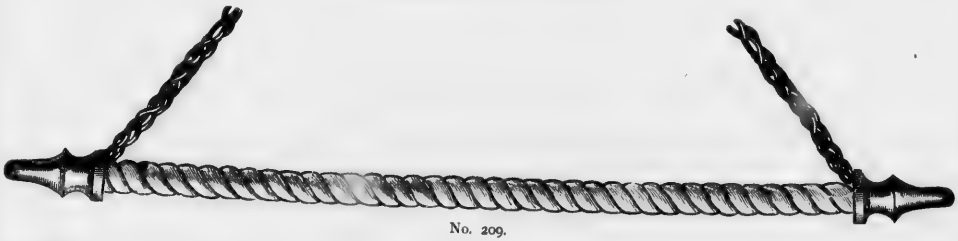
Stair Plates, Nickel Plated - - - - - - - - - per dozen, $

STAIR CORNER PLATES.

No. **50** Stair Corner Plates, Nickel Plated - - - - - - - per dozen, $

QUARTER GROSS IN A BOX.

BANNER RODS



No. 209.

No. **209** 10 inch, Burnished Brass, with Rings and Chains - - - - - per dozen, $
No. **209** 12 inch, Burnished Brass, with Rings and Chains - - - - - - per dozen,
No. **10** 10 inch, Burnished Brass, with Rings, no Chains - - - - - per dozen,

ONE DOZEN IN A BOX.

TOWEL BARS

PLAIN BRASS ROD, FANCY BRASS SOCKET.

No. **100** 15 inch x ¼, Burnished Brass - - - - - - - - per dozen, $
No. **680** 15 inch x ⅜, Burnished Brass - - - - - - - - - per dozen,

ONE DOZEN IN A BOX.

BRASS COAL HODS

EMBOSSED.

HOBBS

Brass Coal Hod, No. 850.

Brass Coal Hod, No. 760.

No. **850**	Brass Coal Hod; diameter of body, 10 inches; length, 18 inches - - - -	each, $
No. **760**	Brass Coal Hod; diameter, 9½ inches; 15 inches high - - - -	each,

HARDWARE CO.

BRASS WOOD CARRIERS

EMBOSSED.

Brass Wood Carrier, No. 20.

LONDON

Brass Wood Carrier, No. 10.

No. **10**	Height of body, 10 inches; length, 15 inches - - - - -	each, $
No. **20**	Height of body, 9 inches; length, 15 inches - - - - - - -	each,

UMBRELLA STANDS

BRASS, EMBOSSED.

No. 200.

No. 600.

No. 70.

No. **200**	Umbrella Stands, Heavy Embossed Brass, with Handles	each, $
No. **70**	Umbrella Stands, Brass, Oxidized, with Handles	each,
No. **600**	Umbrella Stands, Polished Brass, with Handles	each,

BRASS MUSIC RACKS

Style of No. 6206 B.

No. **6206 B** Length 12 inches, Brass Polished and Lacquered, Ebony Base - - - each, $

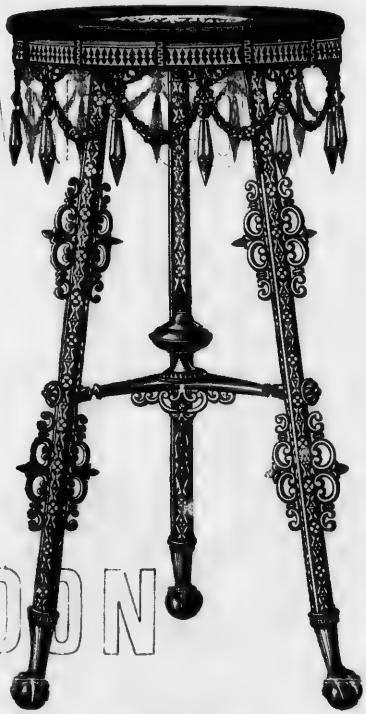
PIANO OR FLOOR LAMPS

CAST BRASS.

No. **9112 B** Cast Brass, Polished and Lacquered, 60 in. high, extends to 78 in., complete, each, $

BRASS PLUSH TOP TABLES

UPHOLSTERED IN ALL THE LEADING COLORS



Style of No. 9112 B.

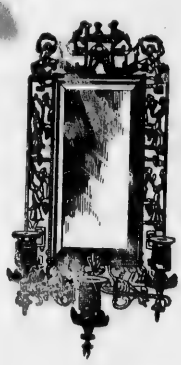
Style of No. 6152½ B.

No. **6152½ B** Table; height, 30 in.; diameter of top, 15 in.; Brass, Polished and Lacquered, with 12 Lusters and Medallion Centre - - - - - each, $

HOBBS HARDWARE LONDON

BRASS SCONCES

BEVELLED PLATE MIRRORS.



No. 63 (Japanese).

No. **68** Japanese, Brass - - - - - - - - - - each, $

BRASS SCONCE

No. 22.

Length 18½ inches, each - - $

CRUMB TRAY AND BRUSH

No. 30

Solid Brass, per dozen - $

Nickel-plated - -

FANCY TOILET MIRRORS

BEVELLED PLATE GLASS.

No. **54** Length 14½ inches - - - - - - - - - - each $

Style of No. 764.

Style of No. 352-353.

No. **764**	Japanese Bronze Frame, height 24 inches, width 12 inches - - - - -	each, $
No. **352**	Brass Frame, height 12 inches, width 6 inches - - - - - -	each
No. **353**	Brass Frame, height 14 inches, width 8 inches - - - - - -	each

FANCY BRONZE AND BRASS VASES

Style of Vase No. 3006.

No. **3006**	Brass, height 17 inches, base 5 inches - - - - - - -	per pair, $
No. **3007**	Bronze, height 17 inches, base 5 inches - - - - - - -	per pair,

FIVE O'CLOCK TEAS

POLISHED BRASS.

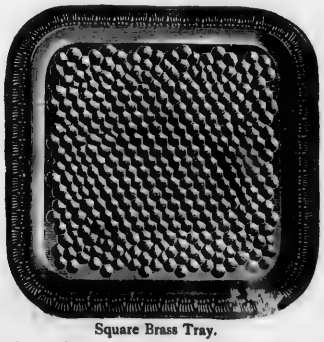
Harvard.

Gem.

"Harvard" Kettle and Stand, Polished Brass, Silver-lined, 3 Pint, complete - - - - each, $
No. **510** "Gem" Kettle and Stand, Polished Brass, 3 Pint, complete - - - - - each

BRASS TRAYS.

Triangle Brass Tray.



Square Brass Tray.

FANCY TABLE GONGS.

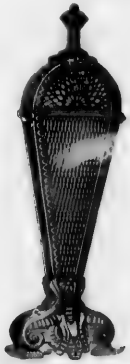
Style of No, 7788 and 7790 B

No. **7788** Gong, Antique Brass, 8 inches high, 7 inches wide - - - - each, $
No. **7790 B** Gong, Polished Brass, 8 inches high, 7 inches wide - - - - - each

Triangle Brass Tray, 12 in., extra heavy, superior finish, Brass, $. Nickel, per dozen, $
Favorite Brass Tray, 13 inches square, Brass, per dozen, - $. Nickel, per dozen, $

FOLDING FAN SCREENS

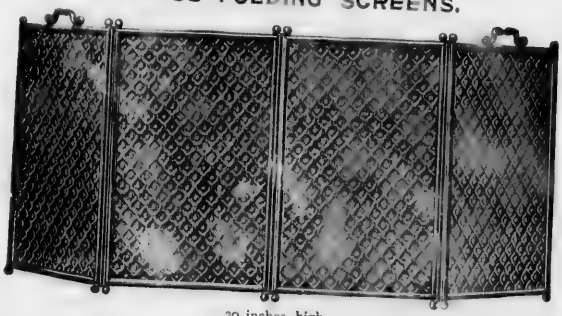
POLISHED BRASS OR ANTIQUE FINISH.



No. 8.

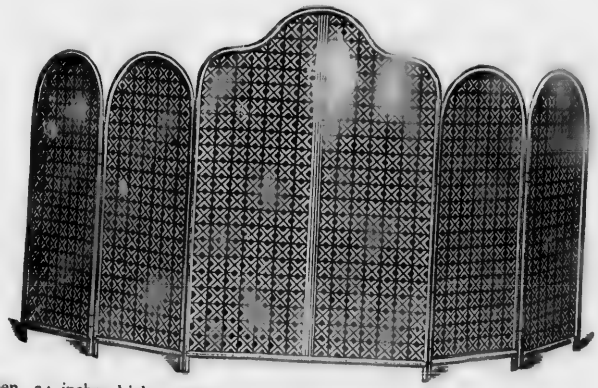
No. **8** Brass Folding Fan Screen, spreads 42 inches wide . . . . . each, $

BRASS FOLDING SCREENS.



20 inches high

No. **6** Single Extension, 35 inches . . . . . each, $
No. **7** Double Extension, 42 inches . . . . . each,

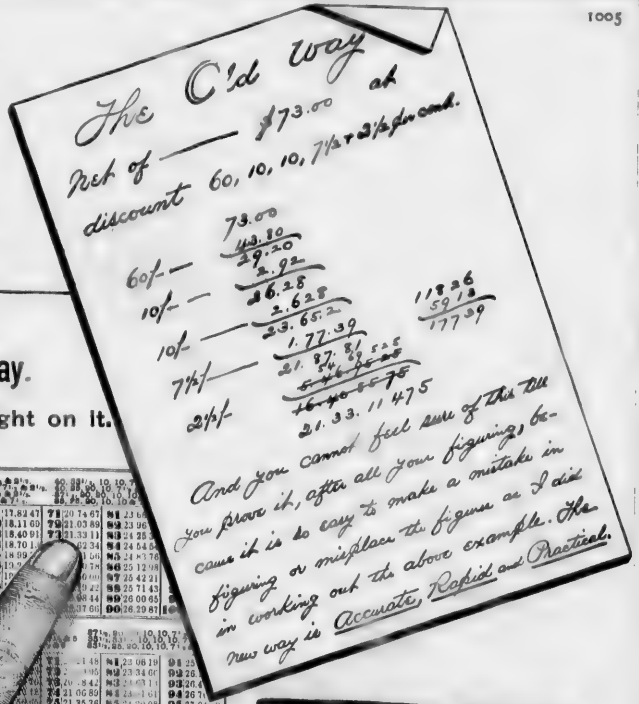


No. **1** Single Screen, 24 inches high, extends 30 inches . . . . . each, $
No. **2** Double Screen, 24 inches high, extends 42 inches . . . . . each,

Ladd's Discount Book

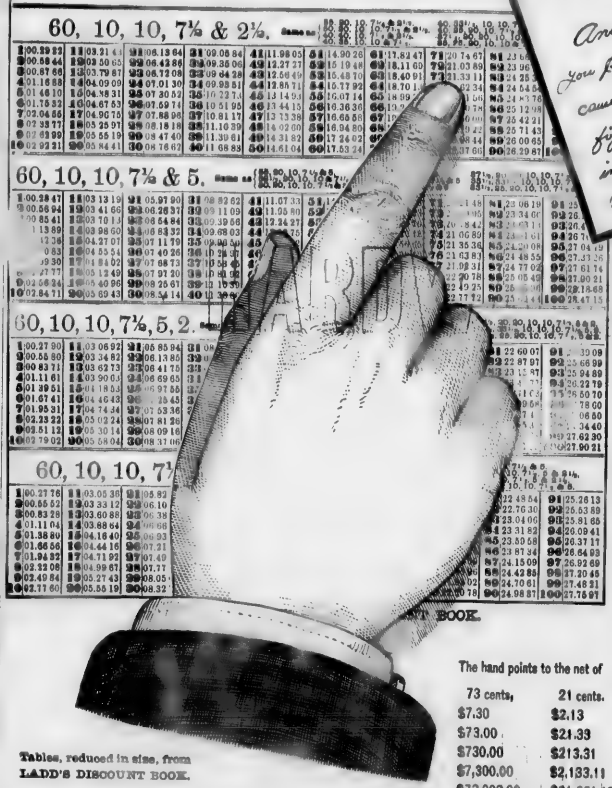
Is indispensable to every one using percentage, as it is a practical means for rapidly reaching absolutely accurate results without the mental wear of computing, avoiding any possibility of error.

A few days' use will verify the claim that the book is accurate, rapid, convenient and practical.



The New Way.

Put Your Finger Right on It.



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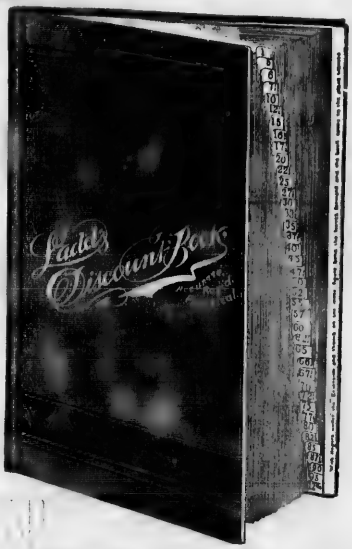

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HARP LONDON

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PATENT PEARL AGATEWARE

PATENT PERFECTION GRANITE IRONWARE

TEA AND COFFEE POTS

DECORATED.

Nos. 6110 and 6120.

Nos. 3110 and 3120.

No. **6110**	4 Pint Pot, White Metal Mountings and Protection Bands, White Porcelain inside	Per dozen, $
No **6120**	5 Pint Pot, " " " " " " "	Per dozen,
No. **3110**	4 Pint Pot, " " " " " " " "	Per dozen,
No. **3120**	5 Pint Pot, " " " " " " " "	Per dozen,

ASSORTED MOTTLED COLORS.

Nos. 5510 and 5520.

Nos. 8510 and 8520.

No. **5510**	4 Pints, Assorted Tints, Enameled, Wood Handles, Nickel Plated Covers	Per dozen, $
No. **5520**	5 Pints, " " " " " "	Per dozen,
No. **8510**	4 Pints, " " " " " "	Per dozen,
No. **8520**	5 Pints, " " " " " "	Per dozen,

GRANITE IRONWARE

MANUFACTURED BY THE ST. LOUIS STAMPING CO.

"BELLE"

COFFEE BIGGINS.

Nos.	250	350	450
Quarts,	2	3	4
Per doz.,	$18 00	21 00	24 00
Each,	1 50	1 75	2 00

"IMPROVED"

COFFEE BIGGINS.

Nos.	20	30	40
Quarts,	2	3	4
Per dozen,	$15 00	17 40	19 80
Each,	1 25	1 45	1 65

COFFEE BOILERS.

PIT BOTTOM.

WITH RETINNED COVERS.

Nos.	6	7	8	9
Quarts,	4½	6	8½	11½
Doz.,	$19 20	21 60	24 00	28 80
Each,	1 60	1 80	2 00	2 40

COFFEE BOILERS.

FLAT BOTTOM.

WITH RETINNED COVERS.

Nos.	050	055	60
Quarts,	2½	3½	4½
Per dozen,	14 50	16 80	19 20
Each,	1 20	1 40	1 60

Nos.	70	80	90
Qu rts,	6	8½	11½
Per dozen,	$21 60	24 00	28 80
Each,	1 8c	2 00	2 40

IMPROVED LIPPED COFFEE POTS.

WITH RETINNED COVERS.

Nos.	5	15	25
Quarts,	1	1½	2
Per dozen,	$9 60	10 80	12 00
Each,	80	90	1 00

Nos.	35	45	55
Quarts,	3	4	5
Per dozen,	$13 80	15 60	18 00
Each,	1 15	1 30	1 50

"WINDSOR" TEA OR COFFEE POTS.

GRANITE COVERS.

Nos.	102	103	104
Quarts,	2	3	4
Per dozen,	$12 00	15 00	18 00
Each,	1 00	1 25	1 50

Nos.	105	106
Quarts,	5	6
Per dozen,	$21 00	24 00
Each,	1 75	2 00

GRANITE IRONWARE.

"BELLE" TEA POTS.

RETINNED COVERS.

Nos	200	300
Quarts,	2	3
Doz.,	$14 40	16 80
Each,	1 20	1 40

Nos	400	500
Quarts,	4	5
Per dozen,	19 20	21 60
Each,	1 60	1 80

IMPROVED TEA POTS.

RETINNED COVERS.

Nos.	0	10	20
Quarts,	1	1½	2
Per dozen,	$9 60	10 80	12 00
Each,	80	90	1 00

Nos.	30	40	50
Quarts,	3	4	5
Per dozen,	$13 80	15 60	18 00
Each,	1 15	1 30	1 50

FARINA BOILERS.

WITH RETINNED COVERS.

Nos.	216	218	220
*Pints	2	3	5
Per doz.,	$14 40	16 80	19 20
Each,	1 20	1 40	1 60

*Pints inside boilers.

MILK OR RICE BOILERS.

WITH RETINNED COVERS.

Nos.	116	118	120
*Pints,	2	3	5
Per dozen,	14 40	16 80	19 20
Each,	1 20	1 40	1 60

*Pints inside boilers.

MILK, RICE AND VEGETABLE BOILERS.

WITH RETINNED COVERS.

Nos.	14	16
*Quarts,	1	1¼
Per dozen,	$12 00	15 00
Each,	1 00	1 25

*Quarts inside cup.

Nos.	18	20
*Quarts,	1¾	2
Per dozen,	$18 00	21 00
Each,	1 50	1 75

*Quarts inside cup.

SEAMLESS MILK, RICE AND VEGETABLE BOILERS.

WITH RETINNED COVERS.

Nos.	52	53
*Pints,	2	4
Per dozen,	$15 00	21 00
Each,	1 25	1 75

*Pints inside cup.

Nos.	54	56
*Pints,	6	8
Per dozen,	$27 00	33 00
Each,	2 25	2 75

*Pints inside cup.

ENGLISH MIXING BOWLS.

Nos.	1	2	3
Quarts,	6	8	10
Dozen,	$7 80	10 80	15 00
Each,	65	85	1 25

Nos.	4	5
Quarts,	14	17
Per dozen,	$18 00	21 00
Each,	1 50	1 75

SOUP BOWLS.

No.	150
Quart,	1
Inches	5¾x2¾
Per dozen	$3 00
Each	25

H. B. LONDON HARDWARE CO.

GRANITE IRONWARE.

Wash Bowls.

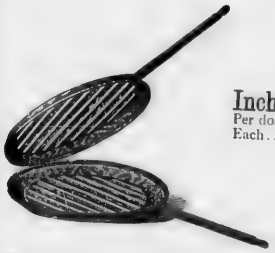
Nos.	24	26	28
Inches,	9⅜x2⅝	10⅝x2⅞	11¼x3⅛
Per doz.,	$4 20	4 80	5 40
Each,	35	40	45

Nos.	30	32	34
Inches,	12¼x3¼	13x3⅜	14x3⅝
Per doz.,	$6 60	7 80	9 00
Each,	55	65	75

Wash Bowls.

Nos.	100	200
Inches,	9⅜x2⅝	10⅝x3
Per dozen,	$5 40	6 60
Each,	45	55

Nos.	300	400
Inches,	11⅝x3⅜	12⅝x3⅞
Per dozen,	$8 40	11 40
Each,	70	95



Broilers.

Inches,	11
Per dozen	$15 00
Each	1 25

Batter Buckets.

Quarts.	4	6	8
Inches,	6¼x6⅝	7¼x7⅞	8x8½
Per dozen,	$14 40	16 80	19 20
Each,	1 20	1 40	1 60

Seamless Covered Buckets.

Nos	35	45	65
Quarts,	3	4	6
Inches,	6⅜x5¼	7x6¼	8x7
Per doz.,	$10 80	11 40	12 00
Each,	90	95	1 00

Nos.	85	105	125
Quarts,	8	10	12
Inches,	9x7¾	10¼x8¼	11x9¼
Per doz.,	$14 40	16 20	18 60
Each,	1 20	1 35	1 55

Straight Seamed Covered Buckets.

Quarts,	1	2	3
Inches,	5x3¾	6x4½	6¾x5½
Per dozen,	$4 80	6 00	7 20
Each,	40	50	60

Quarts,	4	6	8
Inches,	7⅝x6½	8¼x7½	8⅝x8½
Per dozen,	$9 00	10 80	13 20
Each,	75	90	1 10

Quarts,	10	12
Inches,	9¼x9	10¼x9½
Per dozen,	$15 60	18 00
Each,	1 30	1 50

Slop Buckets.

3½ Gallons

RETINNED COVERS.

No.	12
Inches	10½x10⅝
Per dozen	$ 21 00
Each	1 75

Seamless Flaring Buckets.

Nos.	20	30	40
Quarts,	2	3	4
Inches,	7x5½	7¾x5¾	8x6
Per dozen,	$9 00	9 60	10 20
Each,	75	80	85

Nos.	60	70	80
Quarts,	6	7	8
Inches,	8¾x6½	9½x6⅞	10⅛x7⅜
Per dozen,	$10 80	11 40	12 60
Each,	90	95	1 05

Nos	100	120	160
Quarts,	10	12	16
Inches,	11⅝x7⅞	12⅜x8⅜	13⅞x9⅜
Per dozen,	$14 40	16 20	19 20
Each,	1 20	1 35	1 60

GRANITE IRONWARE.

Seamless Water Buckets.

Nos.	102	103	104
Quarts,	2	3	4
Inches,	5⅝x5	6¾x5¾	7⅞x6¼
Per doz.,	$9 60	10 20	10 80
Each,	80	85	90

Nos.	106	108	110
Quarts,	6	8	10
Inches,	8x7	9x7¾	10¼x8¼
Per doz.,	$11 40	13 20	15 00
Each,	95	1 10	1 25

Nos.	112	114	116
Quarts,	12	14	16
Inches,	11x9¼	12¼x9¾	13¼x10¾
Per doz.,	$16 80	19 80	22 80
Each,	1 40	1 65	1 90

Seamless Water Buckets.

WITH SEAMLESS FOOT.

Nos.	206	208	210
Quarts,	6	8	10
Inches,	8x7	9x7¾	10¼x8¼
Per doz.,	$12 60	14 40	16 20
Each,	1 05	1 20	1 35

Nos.	212	214	216
Quarts,	12	14	16
Inches,	11x9¼	12¼x9¾	13¼x10¾
Per doz.,	$18 00	21 00	24 00
Each,	1 50	1 75	2 00

Chambers.

Nos.	1	1½	2	3
Inches,	4x7¼	4½x8¾	5⅛x9⅞	5½x11
Per doz.,	$9 00	11 40	14 40	14 40
Each,	75	95	1 20	1 20

Chamber Covers.

GRANITE.

Nos.	1	1½	2	3
Per doz.,	$3 00	4 20	5 40	6 00
Each,	25	35	45	50

Beaded Sauce Pan and Kettle Covers.

RETINNED.

Nos.	9	10	12	14
Inches,	4¾	5½	5¾	6½
Per doz.,	60	60	60	60

Nos.	16	18	20	22
Inches,	7	7¾	8½	9
Per doz.,	$1 20	1 20	1 20	1 20

Nos.	24	26	28	30	32	36
Inches,	10	11	11½	12¼	12½	14
Per dozen,	$1 20	1 20	1 80	1 80	2 40	3 00

Beaded Sauce Pan and Kettle Covers.

GRANITE.

Nos.	9	10	12	14
Inches,	4¾	5½	5¾	6½
Per doz.,	$1 80	1 80	2 40	2 40

Nos.	16	18	20	22
Inches,	7	7¾	8½	9
Per doz.,	$3 00	3 00	3 00	3 00

Nos.	24	26	28	30	32	36
Inches,	10	11	11½	12¼	12½	14
Per dozen,	$3 00	4 20	4 20	4 80		

Wine Coolers.

No.	2
Inches	7⅜x9
Per dozen	$10 80
Each	90

Cullenders.

Nos.	104	205
Inches,	9½x3	10½x3½
Per dozen,	$7 20	8 40
Each,	60	70

Nos.	306	407
Inches,	11x4	13½x4½
Per dozen,	$9 60	12 00
Each,	80	1 00

GRANITE IRONWARE

CUSPADORES.

No.	1
Inches	8x6
Per dozen	$13 20
Each	1 10

CUSPADORES.

No.	2
Inches	6¾x5
Per dozen	9 60
Each	80

CUSPADORES.

Nos.	4	5
Inches,	6¾x5	8x6
Per dozen,	$9 60	10 80
Each,	80	90

MINERS' CUPS.

Nos.	10	20
Quarts,	1	1½
Inches,	5x3¾	6x5⅝
Per dozen,	$5 40	7 20
Each,	45	60

DRINKING CUPS.

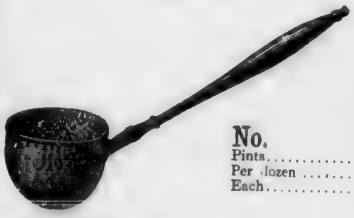
Nos.	9	10	11	12
Inches,	4x2½	4½x2½	4¾x2½	5x2⅞
Dozen,	$2 40	2 64	3 00	3 60
Each,	20	22	25	30

FLARING CUPS.

Nos.	10	12
Inches,	4½x2½	5½x2⅞
Per dozen,	$2 64	3 60
Each,	22 00	30

COCOA-SHAPED DIPPERS.

WOOD HANDLE.



No.	55
Pints	1
Per dozen	$6 00
Each	50

CUP DIPPERS.

FLAT HANDLE.

Nos.	10	11	12
Inches,	4¼x2	4½x2½	5x2¼
Per dozen,	$3 60	4 20	4 80
Each,	30	35	40

GRANITE IRONWARE.

EXTRA STRONG DIPPERS.

WOOD HANDLES.

Nos.	210	212
Inches,	4¼x3	5¼x3¼
Per doz.,	$7 20	8 40
Each,	60	70

Nos.	214	216
Inches,	6x3½	6½x3¾
Per doz.,	$9 60	11 40
Each,	80	95

FLARING DIPPERS.

FLAT HANDLE.

Nos.	10	12
Inches,	4¼x2½	5x2¾
Per dozen,	$3 60	4 80
Each,	30	40

KITCHEN DIPPERS.

Nos.	14	16
Inches,	6½x3¼	7x3½
Per dozen,	$6 00	7 80
Each,	50	65

WINDSOR DIPPERS.

Nos.	112	114
Quarts,	1	2
Inches,	5¼x3	6½x3½
Per doz.,	$6 00	9 00
Each,	50	75

OVAL MEAT DISHES.

Inches,	12	14
Per doz.,	$7 20	9 60
Each,	60	80

Inches,	16	18
Per doz.,	$12 00	15 00
Each,	1 00	1 25

OBLONG PUDDING DISHES.

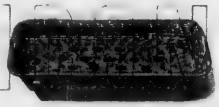
Nos.	10	11	12
Inches,	10¼x7½	11¼x8	12¼x8½
Per doz.,	$4 80	5 40	6 60
Each,	40	45	55

Nos.	13	14	15
Inches,	13x9⅝	14x10	15x10¾
Per doz.,	$7 80	9 60	11 40
Each,	65	80	95

HANGING SOAP DISH.

No.	65
Inches,	4½x1x2½
Per doz.,	3 60
Each,	30

OBLONG SOAP DISHES.



No.	50
Inches	6x4x1⅛
Per dozen	$3 60
Each	30

GRANITE IRONWARE.

COVERED OBLONG SOAP DISHES.

No.	55
Inches	6x4x1⅛
Per dozen	$5 40
Each	45

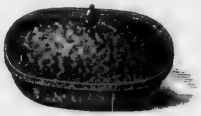
OVAL SOAP DISHES.

No.	40
Inches	5½x4¼x1½
Per dozen	$3 60
Each	30

WALL SOAP DISH.

No.	60
Inches	6½x4x1½
Per dozen	$3 60
Each	30

COVERED OVAL SOAP DISHES.



No.	45
Inches	5½x4½x1½
Per dozen	$5 40
Each	45

OVAL VEGETABLE DISHES.

WOOD HANDLES.

Nos.	110	113	115
Inches,	10	13	15
Per doz.,	$18 00	24 00	30 00
Each,	1 50	2 00	2 50

OVAL VEGETABLE DISHES.

Inches,	10	13	15
Per dozen,	$14 40	19 20	24 00
Each,	1 20	1 60	2 00

POTATO FRIERS.

(CRULLER.)

Nos.	28	32
*Quarts,	8	12
Inches,	11½x5½	13x5¾
Per dozen,	$33 00	45 00
Each,	2 75	3 75

*Quarts outside vessel.

FUNNELS.

Pints,	½	1	2	4
Dozen,	$3 60	4 20	5 40	7 20
Each,	30	35	45	60

GRANITE IRONWARE

OVAL CAKE GRIDDLES.

Nos.	8	9
Inches,	18⅞x9 To fit 8 inch stove holes.	21¼x10 To fit 9 inch stove holes.
Per dozen,	$12 00	15 00
Each,	1 00	1 25

ROUND CAKE GRIDDLES.

Inches,	13	16
Per dozen,	$12 00	18 00
Each,	1 00	1 50

HOTEL JARS.

WITH BAIL.

No.	3
Per dozen	$30 00
Each	2 50

OVAL BUTTER KETTLES.

Nos.	00	0	1
Inches,	7x5x4	8¾x6¼x4½	9¼x7¼x5
Doz.,	$13 40	16 80	19 20
Each,	1 20	1 40	1 60

Nos.	2	3
Inches,	10½x7¾x5½	11¼x8¼x5¾
Per dozen,	$21 60	24 00
Each,	1 80	2 00

COVERED "BERLIN" KETTLES

WITH RETINNED COVERS.

Nos.	02	03	04
Quarts,	1	2	3
Inches,	6x3	7x3½	8¼x4
Per doz.,	$7 20	9 60	12 00
Each,	60	80	1 00

Nos.	06	08
Quarts,	5	7
Inches,	9x5	10x5½
Per doz.,	$14 40	16 80
Each,	1 20	1 40

SEAMLESS CAMP KETTLES.

Nos.	12	16
Quarts,	6	8
Inches,	8x7	9x7¾
Per doz.,	$12 00	14 40
Each,	1 00	1 20

Nos.	20	24
Quarts,	10	12
Inches,	10½x8¼	11x9¼
Per doz.,	$16 20	18 60
Each,	1 35	1 55

GRANITE IRONWARE.

SEAMLESS COVERED CONVEX KETTLES

WITH RETINNED COVERS.

Nos.	½	1	2	3	4
Quarts,	½	1	2	3	4
Inches,	4½x3	4¼x4	6x4½	7x5	8½x5¼
Per dozen,	$4 80	7 20	10 20	13 20	15 60
Each,	40	60	85	1 10	1 30

Nos.	6	8	12	14	18
Quarts,	6	8	12	14	18
Inches,	9¼x6¼	10¼x7¼	11¼x8	12¼x8¼	13½x9½
Per dozen,	$19 20	24 00	30 00	33 00	36 00
Each,	1 60	2 00	2 50	2 75	3 00

SEAMED CAMP KETTLES.

Nos.	06	08	010	012
Quarts,	6	8	10	12
Inches,	7⅜x7½	8½x9⅜	9½x9⅜	10¼x9⅜
Per dozen,	$10 80	13 20	15 60	18 00
Each,	90	1 10	1 30	1 50

FISH KETTLES.

Inches,	16	18	20	22	24
Each,	$3 25	3 75	4 50	5 50	6 50

EXTRA DEEP SEAMLESS FRUIT KETTLES.

Quarts,	2	3	4	6	7
Inches,	7x5¼	7¾x5¾	8x6	8¾x6¼	9½x6⅜
Per dozen,	$9 00	9 60	10 20	10 80	11 40
Each,	75	80	85	90	95

Quarts,	8	10	12	16	24
Inches,	10⅜x7⅜	11⅜x7¾	12¾x8⅜	13⅞x9¾	15x10
Per dozen,	$12 60	14 40	16 20	19 20	22 20
Each,	1 05	1 20	1 35	1 60	1 85

GRANITE IRONWARE.

DEEP PRESERVING KETTLES.

Nos.	16	18	20	22	24
Quarts,	[illegible]	2½	3½	4½	5½
Inches,	7½x3½	8x4	8½x4½	9¼x4¾	10x5
Per dozen,	$6 60	7 80	9 00	10 20	11 40
Each,	55	65	75	85	95

Nos.	26	28	30	32	36
Quarts,	6½	8	10	12	14
Inches,	10½x5¼	11½x5½	12x6	13x6¼	14x6½
Per dozen,	$13 20	15 00	16 80	20 40	24 00
Each,	1 10	1 25	1 40	1 70	2 00

LIPPED PRESERVING KETTLES.

Nos.	14	16	18	20	22	24
Quarts,	1½	2	2½	3	4	5
Inches,	6½x3¼	7x3½	7¾x2½	8½x3¾	9x4	9¾x4¼
Per dozen,	$4 20	4 80	6 00	7 20	8 40	9 60
Each,	35	40	50	60	70	80

Nos.	26	28	30	32	40	50
Quarts,	6	7½	10	12	18	30
Inches,	11x5	11¾x5½	12x6	13x5¾	14⅞x7⅛	17⅛x8⅞
Per dozen,	$10 80	12 60	15 00	18 00	27 00	45 00
Each,	90	1 05	1 25	1 50	2 25	3 75

PATENT COVERED "WINDSOR" KETTLES.

WITH RETINNED COVERS.

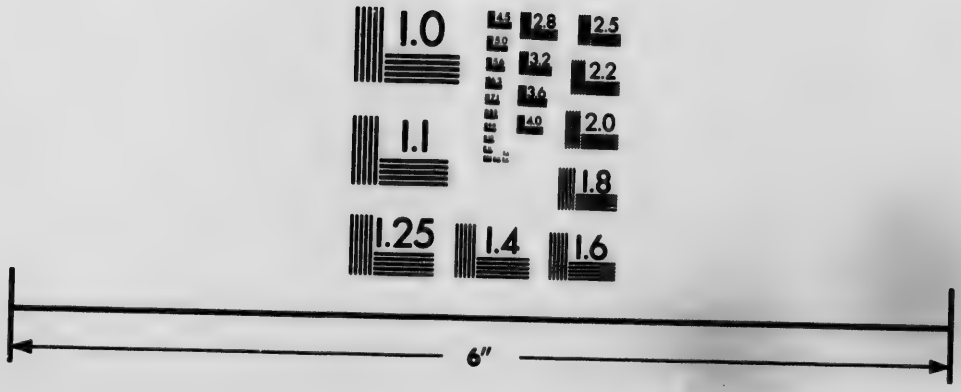
Nos.	12	14	16	18	20
Quarts,	1	1½	2	2½	3½
Inches,	5½x3	6½x3¼	7½x3½	8x4	8¾x4
Per dozen,	$5 40	6 60	7 80	9 00	10 20
Each,	45	55	65	75	85

Nos.	22	24	26	28	30
Quarts,	4½	5½	6½	8	10
Inches,	9½x4	10x4¾	10¾x5	11½x5¼	12½x5¼
Per dozen,	$11 40	12 60	14 40	16 20	18 00
Each,	95	1 05	1 20	1 35	1 50

PATENT STOVE KETTLES.

Nos.	6	7	8	9
Inches,	8¾x4¾	9¾x5½	11x6	12x6¾
Per dozen,	$9 60	12 00	15 00	18 00
Each,	80	1 00	1 25	1 50

IMAGE EVALUATION TEST TARGET (MT-3)



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23 WEST MAIN STREET
WEBSTER, N.Y. 14580
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GRANITE IRONWARE

TEA KETTLES.

PIT BOTTOM.

Nos	6	7
Quarts,	4	5
Per dozen,	$19 20	22 80
Each,	1 60	1 90

Nos.	8	9
Quarts,	7	8
Per dozen,	$27 60	33 60
Each,	2 30	2 80

TEA KETTLES.

FLAT BOTTOM.

Nos.	40	50	60
Quarts,	2	3	4
Per doz.	$13 80	15 00	16 80
Each,	1 15	1 25	1 40

Nos.	70	80	90
Quarts,	5	7	8
Per doz.,	$19 20	22 80	27 60
Each,	1 60	1 90	2 30

TEA KETTLES.

Nos.	31	31½	32	33	34	35	36
Quarts,	1½	2	3½	4½	5½	8	11
Diameter in inches of bottom,	4	5	5¾	6½	6¾	7¾	8¾
Per dozen,	$14 40	16 80	19 20	22 80	25 20	36 00	42 00
Each,	1 20	1 40	1 60	1 90	2 10	3 00	3 50

TEA KETTLES.

EXTRA DEEP PIT BOTTOM.

Nos.	16	18	20	22	24	26
Quarts,	2	3	4	5	6	8½
Diameter of pits,	4¾	5½	6	6½	7	7¾
Per dozen,	$15 00	16 80	19 20	22 80	27 60	33 60
Each,	1 25	1 40	1 60	1 90	2 30	2 80

SEAMLESS CONVEX TEA KETTLES.

Nos.	302	303	304	306	308
Quarts,	2	3	4	6	8
Diameter of bottom,	6	7	8	9	10
Per dozen,	$18 00	21 00	24 00	30 00	36 00
Each,	1 50	1 75	2 00	2 50	3 00

GRANITE IRONWARE

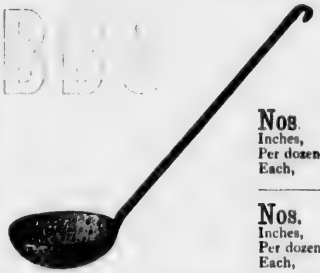
UTILITY KETTLES.

WITH RETINNED COVERS.

Nos.	90	91	92
Per dozen,	$9 00	10 20	11 40
Each,	75	85	95

Nos.	93	94	95
Per dozen,	$13 20	15 00	17 40
Each,	1 10	1 25	1 45

FLAT HANDLE LADLES.



PIERCED.

Nos.	8	9	10
Inches,	3½	3¾	4
Per dozen,	$2 40	2 64	2 88
Each,	20	22	24

Nos.	11	12	13
Inches,	4¼	4⅜	5
Per dozen,	$3 12	3 36	3 60
Each,	26	28	30

SOUP LADLES.

FLAT HANDLE.

No.	29
Inches	3½x1⅝
Per dozen	$3 00
Each	25

SOUP LADLES.

THREADED HANDLE.

No.	38
Inches	3½x1⅜
Per dozen	$3 00
Each	25

SEAMED MEASURES.

SOLID LIP.

Pints,	½	1
Per dozen,	$4 80	6 00
Each,	40	50

Quarts,	1	2	4
Per dozen,	$7 80	9 60	14 40
Each,	65	80	1 20

SEAMLESS MEASURES.

Pints,	½	1
Per dozen,	$5 40	6 60
Each,	45	55

Quarts.	1	2	4
Per dozen,	$9 00	12 00	16 20
Each,	75	1 00	1 35

DEEP TUBED CAKE MOULDS.

Nos.	43	44
Quarts,	3	4
Inches,	8¼x8¼	10x8⅛
Per dozen,	$6 60	7 80
Each,	55	65

Nos.	45	46
Quarts,	5	6
Inches,	10½x3½	11⅜x3⅞
Per dozen,	$9 00	10 20
Each,	75	85

DEEP OCTAGON CAKE MOULDS.

WITH TUBE.

Nos.	720	730	740
Quarts,	2	3	4
Inches,	8¼x2⅞	9x3	9½x3¼
Per dozen,	$6 00	7 20	8 40
Each,	50	60	70

Nos.	75	760
Quarts,	5	6
Inches,	10⅜x3½	11⅜x3⅞
Per dozen,	$9 60	10 80
Each,	80	90

GRANITE IRONWARE.

DEEP OCTAGON CAKE MOULDS.

WITHOUT TUBE.

Nos.	72	73	74
Quarts,	2	3	4
Inches,	8¼x2⅞	9x3	9½x3¼
Per dozen,	$4 80	6 00	7 20
Each,	40	50	60

Nos.	75	76
Quarts,	5	6
Inches,	10⅛x3½	11⅛x3⅝
Per dozen,	$8 40	9 60
Each,	70	80

SHALLOW OCTAGON CAKE MOULDS.

WITH TUBE.

Nos.	201½	202
Quarts,	1½	2
Inches,	7½x2	8½x2¼
Per dozen,	$4 20	4 80
Each,	35	40

Nos.	203	204
Quarts,	3	4
Inches,	9¼x2½	10½x2¾
Per dozen,	$6 00	7 20
Each,	50	60

SHALLOW OCTAGON CAKE MOULDS.

WITHOUT TUBE.

Nos.	301½	302
Quarts,	1½	2
Inches,	7½x2	8½x2¼
Per dozen,	$3 60	4 20
Each,	30	35

Nos.	303	304
Quarts,	3	4
Inches,	9¼x2½	10⅞x2¾
Per dozen,	$5 40	6 60
Each,	45	55

TURBAN CAKE MOULDS.

WITH TUBE.

Nos.	86	87
Quarts,	2	3
Inches,	8¼x2⅞	9x3
Per dozen,	$6 00	7 20
Each,	50	60

Nos.	88	89
Quarts,	4	5
Inches,	9½x3¼	10⅛x3½
Per dozen,	$8 40	9 60
Each,	70	80

TURBAN CAKE MOULDS.

WITHOUT TUBE.

Nos.	6	7
Quarts,	2	3
Inches,	8¼x2⅞	9x3
Per dozen,	$4 80	6 00
Each,	40	50

Nos.	8	9
Quarts,	4	5
Inches,	9½x3¼	10⅛x3½
Per dozen,	$7 20	8 40
Each,	60	70

TURK'S HEAD CAKE MOULDS.

Nos.	61	61½	62
Quarts,	1½	2	3
Inches,	7¼x3⅛	8x3¼	8½x3¾
Per doz.,	$6 00	7 20	8 40
Each,	50	60	70

Nos.	63	64
Quarts,	4	6
Inches,	9½x3⅞	11x4½
Per dozen,	$9 60	12 00
Each,	80	1 00

STRAIGHT TUBED CAKE MOULDS.

Nos.	101½	102
Quarts,	1½	2
Inches,	7½x1¾	8½x2
Per dozen,	$4 20	4 80
Each,	35	40

Nos.	103	104
Quarts,	3	4
Inches,	9¼x2⅜	10⅞x2¾
Per dozen,	$6 00	6 60
Each,	50	55

CHILDREN'S MUGS.

Nos.	3	5
Pints,	½	1
Inches,	3x3	3½x4
Per dozen,	$3 00	3 60
Each,	25	30

GRANITE IRONWARE.

CHAMBER PAILS.

SEAMLESS.

Holds 3½ Gallons.

No.	3
Inches	11½x10¼
Per dozen	$31 20
Each	2 60

CHAMBER PAILS.

SEAMED.

No.	2
Inches	12½x10¼
Per dozen	$27 00
Each	2 25

COMMODE ATTACHMENT FOR CHAMBER PAILS.

No. (for No. 3 Pail)	10
No. (for No. 2 Pail)	20
Per dozen	$12 00
Each	1 00

LIPPED WATER PAILS.

No.	300
Inches	10½x10⅜
Gallons	3½
Per dozen	$21 00
Each	1 75

MILK PAILS.

No.	5
Inches	12½x8¼
Gallons	3
Per dozen	$30 00
Each	2 50

PATENT CORN CAKE PANS.

Nos.	7	7½
Cups to the Card,	8	12
Per dozen Cards,	$12 00	18 00
Each,	1 00	1 50

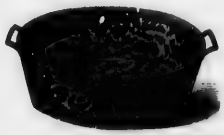
JELLY CAKE PANS.

Inches,	9	10
Per dozen,	$2 40	3 00
Each,	20	25

MOUNTAIN CAKE PANS.

Inches,	8	9	10
Per dozen,	$3 00	3 60	4 20
Each,	25	30	35

GRANITE IRONWARE.



ROUND BAKE PANS.

Quarts,	½	1	1½	2	3
Inches,	6¼x2¼	7x2¼	8x2⅜	8½x2⅜	9¼x3⅛
Per dozen,	$3 60	4 20	4 80	5 40	6 00
Each,	30	35	40	45	55

Quarts,	4	5	6	8	10
Inches.	10x3	10½x3½	11⅜x3¼	13¼x4	13¾x4¼
Per dozen,	$6 60	7 20	8 40	9 60	11 40
Each,	55	60	70	80	95

OVAL BAKE PANS.

Nos.	1	2	3	4	5
Inches,	10½x7½x2½	11⅜x8¼x2⅜	13x9½x2⅜	14¾x10¾x3	16½x12½x3¼
Per dozen,	$6 00	7 20	9 00	10 80	14 40
Each,	50	60	75	90	1 20

DEEP DISH PANS.

Quarts,	7	8	10	14
Inches,	12¾x4½	14¼x4¾	14½x5	16x6
Per dozen,	$12 00	13 20	15 00	18 00
Each,	1 00	1 10	1 25	1 50

Quarts,	17	21	30
Inches,	17x6½	19x6¾	21x7
Per dozen,	$21 00	24 00	36 00
Each,	1 75	2 00	3 00

OVAL DISH PANS.

Quarts,	15	18	22
Inches,	13x17x5¾	15½x19x5½	17x21x5¾
Per dozen,	$18 00	21 00	24 00
Each,	1 50	1 75	2 00

GRANITE IRONWARE.

DUST PANS.

No.	10
Inches	13x8¾
Per dozen	$7 20
Each	60

SEAMLESS LADY FINGER PANS.

No.	10
Cups on Frame	6
Inches	12x6
Per dozen Frames	$4 20
Each	35

EGG PANS.

Nos.	1	2	3	4	5
Inches,	5¼x1½	6x1½	7x1½	8x1½	8⅜x1⅜
Per dozen,	$2 40	3 00	3 60	4 20	4 80
Each,	20	25	30	35	40

Nos.	6	7	8	9
Inches,	9½x1¾	10¼x2	11¼x2	12¼x2¼
Per dozen,	$5 40	6 00	6 60	7 20
Each,	45	50	55	60

FRY PANS—DEEP.

Nos.	0	1	2	3	4
Inches,	7⅜x1½	8½x1¾	9x1¾	9⅜x1¾	10¼x2
Per dozen,	$4 80	5 40	6 00	6 60	7 80
Each,	40	45	50	55	65

Nos.	5	6	7	8
Inches,	11⅜x2	12¼x2	13⅛x2¼	14⅛x2¼
Per dozen,	$9 00	10 20	12 00	15 00
Each,	75	85	1 00	1 25

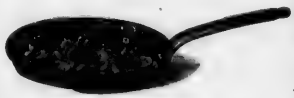
FRY PANS—DEEP. WITH SIDE HANDLES.

Nos.	0	1	2	3	4
Inches,	7⅜x1½	8½x1¾	9x1¾	9⅜x1¾	10¼x2
Per dozen,	$4 80	5 40	6 00	6 60	7 80
Each,	40	45	50	55	65

Nos.	5	6	7	8
Inches,	11⅜x2	12¼x2	13⅛x2¼	14⅛x2¼
Per dozen,	$9 00	10 20	12 00	15 00
Each,	75	85	1 00	1 25

GRANITE IRONWARE.

EGG FRY PANS.



Eyes,	4	5
Inches diam.,	9¼	12
Per dozen,	$7 80	9 00
Each,	65	75

Eyes,	6	8
Inches diam.,	12¼	14¼
Per dozen,	$10 80	13 20
Each,	90	1 10

GOLD MINERS' PANS.

Inches,	16½
Per dozen	$14 40
Each	1 20

MILK PANS.

Quarts,	½	1	1½	2	3	3½
Inches,	6x1¼	7x1⅛	7½x1¼	8½x2	9¼x2⅛	10x2¼
Per dozen,	$2 40	3 00	3 60	4 20	4 80	5 40
Each,	20	25	30	35	40	45

Quarts,	4	5	6	8	10	12
Inches,	10⅞x2¼	11⅜x2¼	12⅜x3	13¼x3⅛	14¼x3⅛	15x3½
Per dozen,	$6 00	6 60	7 20	7 80	8 40	9 60
Each	50	55	60	65	70	80

MIXING PANS—FLAT BOTTOM.

Quarts,	7	8
Inches,	12¾x4½	14¼x4¾
Per dozen,	$12 00	13 20
Each,	1 00	1 10

Quarts,	10	14
Inches,	14½x5	16x6
Per dozen,	$15 00	18 00
Each,	1 25	1 50

Quarts,	17	21
Inches,	17x6½	19x6¾
Per dozen,	$21 00	24 00
Each,	1 75	2 00

PATENT MUFFIN PANS.

Nos.	5	5½
Cups to the card	8	12
Per dozen cards	$10 80	16 20
Each	90	1 35

DEEP PUDDING PANS.

Quarts,	½	1	1½	2	3
Inches,	6¼x2¼	7x2¼	8x2¼	8⅞x2⅞	9¼x3⅛
Per dozen,	$3 00	3 60	4 20	4 80	5 40
Each,	25	30	35	40	45

Quarts,	4	5	6	8	10
Inches,	10x3	10½x3½	11⅜x3¾	13¼x4	13¾x4½
Per dozen,	$6 00	6 60	7 80	9 00	10 80
Each,	50	55	65	75	90

GRANITE IRONWARE.

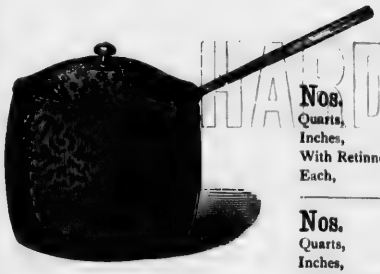
OVAL PUDDING PANS.

Nos.	1	2	3	4	5
Inches,	10½x7½x2½	11⅜x8¼x2¾	13x9½x2⅞	14¾x10¼x3	16½x12½x3¼
Per dozen,	$5 40	6 60	7 80	9 60	12 00
Each,	45	55	65	80	1 00

COVERED "BERLIN" SAUCE PANS.

RETINNED COVERS.

Nos.	02	03	04	06	08
Quarts,	1	2	3	5	7
Inches,	6x3	7x3½	8¼x4	9x5	10x5½
Per dozen,	$7 20	9 60	12 00	14 40	16 80
Each,	60	80	1 00	1 20	1 40



SEAMLESS COVERED CONVEX SAUCE PANS.

Nos.	½	1	2	3
Quarts,	½	1	2	3
Inches,	4½x3	4¾x4	6x4½	7x5
With Retinned Covers, per dozen,	$4 80	7 20	10 20	13 20
Each,	40	60	85	1 10

Nos.	4	6	8
Quarts,	4	6	8
Inches,	8½x5¾	9¼x6¾	10¾x7¼
With Retinned Covers, per dozen,	$15 60	19 20	24 00
Each,	1 30	1 60	2 00

LIPPED SAUCE PANS.

Nos.	9	10	12	14	16	18
Quarts,	½	¾	1	1½	2	2½
Inches,	4½x2¾	5x2¾	6x2½	6½x3¾	7x3½	7¾x3½
Per dozen,	$2 40	3 00	3 60	4 20	4 80	6 00
Each,	20	25	30	35	40	50

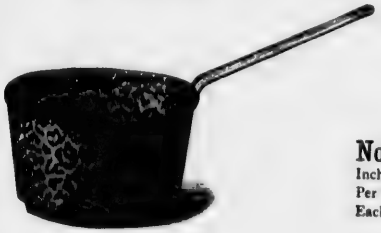
Nos.	20	22	24	26	28	30
Quarts,	3	4	5	6	7½	10
Inches,	8½x3¾	9x4	9¾x4¾	11x5	11¾x5½	12x6
Per dozen,	$7 20	8 40	9 60	10 80	12 60	15 00
Each,	60	70	80	90	1 05	1 25

GRANITE IRONWARE.

LIPPED SAUCE PANS, WITH RINGS.

Nos.	12	14	16	18
Quarts,	1	1½	2	2½
Inches,	6x2½	6½x3¼	7x3½	7¾x3½
Per dozen,	$4 80	6 00	6 60	7 80
Each,	40	50	55	65

Nos.	20	22	24	26	28
Quarts,	3	4	5	6	7½
Inches,	8½x3¾	9x4	9¾x4¾	11x5	11¾x5½
Per dozen,	$9 60	11 40	13 20	15 00	17 40
Each,	80	95	1 10	1 25	1 45



PATENT STOVE SAUCE PANS.

Nos.	6	7	8	9
Inches,	8¾x4¾	9¾x5½	11x6	12x6¾
Per dozen,	$9 60	12 00	15 00	18 00
Each,	80	1 00	1 25	1 50

EXTRA STRONG STRAIGHT SAUCE PANS.

Nos.	10	12	14	16	18	20	22
Quarts,	¾	1	1½	2	2½	3½	4½
Inches,	4¼x3	5¼x3¼	6x3½	6¾x3¾	7¾x4	8½x4½	9¾x4¾
Per dozen,	$4 80	6 00	7 20	8 40	9 60	10 80	12 60
Each,	40	50	60	70	80	90	1 05

Nos.	24	26	28	30	32	36
Quarts,	5½	6½	8	10	12	14
Inches,	10x5	10¾x5	11½x5½	12x6	13x6¼	14x6½
Per dozen,	$14 40	16 20	18 00	21 00	24 00	30 00
Each,	1 20	1 35	1 50	1 75	2 00	2 50

BEADED STRONG SAUCE PANS.

Nos.	18	20	22	24
Quarts,	2½	3½	4½	5½
Inches,	7¾x4	8½x4½	9¾x4¾	10x5
Per dozen,	$7 80	9 00	10 20	11 40
Each,	65	75	85	95

Nos.	26	28	*30
Quarts,	6½	8	10
Inches,	10¾x5¾	11½x5½	12x6
Per dozen,	$12 60	15 00	17 40
Each,	1 05	1 25	1 45

GRANITE IRONWARE.

PATENT COVERED "WINDSOR" SAUCE PANS.

Nos.	12	14	16	18	20
Quarts,	1	1½	2	2½	3½
Inches,	5½x3	6½x3¼	7½x3½	8x4	8¾x4
*Per dozen,	$5 40	6 60	7 80	9 00	10 20
Each,	45	55	65	75	85

*With Retinned Covers.

Nos.	22	24	26	28	30
Quarts,	4½	5½	6½	8	10
Inche ,	9½x4	10x4¾	10¾x5	11½x5¼	12½x5¼
*Per dozen,	$11 40	12 60	14 40	16 20	18 00
Each,	95	1 05	1 20	1 35	1 50

*With Retinned Covers.

PATENT COVERED "WINDSOR" SAUCE PANS.

WITH RINGS.

Nos.	12	14	16	18	20
Quarts,	1	1½	2	2½	3½
Inches,	5½x3	6½x3¼	7½x3½	8x4	8¾x4
*Per dozen,	$6 60	8 40	10 20	12 00	13 20
Each,	55	70	85	1 00	1 10

Nos.	22	24	26	28	30
Quarts,	4½	5½	6½	8	10
Inches,	9½x4	10x4¾	10¾x5	11½x5¼	12½x5¼
*Per dozen,	$14 40	16 20	18 60	21 00	23 40
Each,	1 20	1 35	1 55	1 75	1 95

*With Retinned Covers.

DEEP STEW PANS.

Nos.	14	16	18	20	22
Quarts,	1½	2	2½	3	4
Per dozen,	$4 20	4 80	5 40	6 00	6 60
Each,	35	40	45	50	55

Nos.	24	26	28	30
Quarts,	5	6	7½	9½
Per dozen,	$7 80	9 00	10 20	11 40
Each,	65	75	85	95

DEEP STEW PANS.

EXTRA STRONG.

Nos.	14	16	18	20	22
Quarts,	1½	2	2½	3	4
Per dozen,	$5 40	6 00	7 20	8 40	9 60
Each,	45	50	60	70	80

Nos.	24	26	28	30
Quarts,	5	6	7½	9½
Per dozen,	$10 80	12 00	15 00	18 00
Each,	90	1 00	1 25	1 50

GRANITE IRONWARE.

SHALLOW STEW PANS.

Nos.	3	4	5	6
Quarts,	1	2	3	4
Inches,	7x1½	8½x2	9¾x2½	10½x2¾
Per dozen,	$3 00	4 20	4 80	6 00
Each,	25	35	40	50

ROUND CORNERED STOVE PANS.

Nos.	1	2	3	4	6	7
Inches,	8¼x7	9x7½	10x8	11x9	13½x8½	17x9
Per dozen,	$4 80	5 40	6 00	6 60	9 60	10 20
Each,	40	45	50	55	80	85

Nos.	8	9	10	11	12
Inches,	18x10	20x12	13¾x9¾	15x10½	17¾x12
Per dozen,	$11 40	13 20	9 00	10 80	12 00
Each,	95	1 10	75	90	1 00

SEAMLESS OBLONG STOVE PANS.

Nos.	100	200	300	400	500
Inches,	9x7½	10x8½	12¾x8¾	15x11	17½x12¾
Per dozen,	$7 20	7 80	8 40	10 80	15 00
Each,	60	65	70	90	1 25

SEAMLESS SQUARE STOVE PANS.

Nos.	111	112	113
Inches,	11	12	13
Per dozen,	$9 60	10 80	12 00
Each,	80	90	1 00

Nos.	114	115	118
Inches,	14	15	18
Per dozen,	$13 20	15 60	18 00
Each,	1 10	1 30	1 50

TART PANS.

No.	02
Inches	5⅜x1½
Per dozen	$2 40
Each	20

GRANITE IRONWARE

CONVEX WATER PITCHERS.

SEAMLESS.

Nos.	401	402	403	404	405
Pints,	1	2	3	4	5
Per dozen,	$10 80	12 00	13 80	15 60	18 00
Each,	90	1 00	1 15	1 30	1 50

GEM WATER PITCHERS.

SEAMLESS.

Nos.	11½	22	33⅓	55
Quarts,	1½	2	3½	5
Straight Edge, per dozen,	$ 9 00	10 80	14 40	16 80
Each,	75	90	1 20	1 40
Wired Edge, per dozen,	10 20	12 00	15 00	18 00
Each,	85	1 00	1 25	1 50

CONVEX WATER PITCHERS.

SEAMLESS.

Nos	501	502	503	504	505
Pints,	1	2	3	4	5
Per dozen,	$10 80	12 00	13 80	15 60	18 00
Each,	90	1 00	1 15	1 30	1 50

PEERLESS WATER PITCHERS.

Nos.	12	13	14
Quarts,	2	3	4
Per dozen,	$12 00	15 00	18 00
Each,	1 00	1 25	1 50

GRANITE IRONWARE.

PEERLESS PITCHERS AND BOWLS.

Nos.	10	20
Per dozen,	$24 00	30 00
Each,	2 00	2 50

PEERLESS PITCHERS.

Nos.	10	20
Per dozen,	$15 00	18 00
Each,	1 25	1 50

PITCHERS AND BOWLS.

Nos.	1	2
Per dozen,	$24 00	30 00
Each,	2 00	2 50

WASH WATER PITCHERS.

Nos.	1	2
Per dozen,	$15 00	18 00
Each,	1 25	1 50

GRANITE IRONWARE

MILK AND WATER PITCHERS.

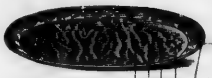
Quarts,	2	3	4
Per dozen,	$9 60	12 00	15 00
Each,	80	1 00	1 25

BEER PITCHERS.

WITH RETINNED COVERS.

Quarts,	2	3
Per dozen,	$9 60	12 00
Each,	80	1 00

DINNER PLATES.



Inches,	7	8
Per dozen,	$1 92	2 16
Each,	16	18

Inches,	9	10
Per dozen,	$2 40	3 00
Each,	20	25

OVAL SHIRRED EGG PLATES.

Nos.	1	2
Inches,	6x4½x1	6½x4¾x1¼
Per dozen,	$1 80	2 40
Each,	15	20

Nos.	3	4
Inches,	8x6x1½	8⅝x7x1½
Per dozen,	$3 00	3 60
Each,	25	30

LETTERED PLATES.

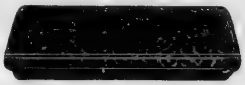
Inches,	6¼
Per dozen	$1 80
Each	15

PIE PLATES.

Inches,	7	8
Per dozen,	$1 92	2 16
Each,	16	18

Inches,	9	10
Per dozen,	$2 40	3 00
Each,	20	25

SQUARE PIE PLATES.



Full Sheet.	10x14
Per dozen	$6 00
Each	50

SOUP PLATES.

Inches,	9x1⅛
Per dozen	$3 60
Each	30

LONDON HARDWARE CO

GRANITE IRONWARE.

PATENT COVERED "WINDSOR" SAUCE POTS.

WITH RETINNED COVERS.

Nos.	112	114	116	118	120
Quarts,	1	1½	2	2½	3½
Inches,	5½x3	6½x3¼	7½x3½	8x4	8¾x4
Per dozen,	$5 40	6 60	7 80	9 00	10 20
Each,	45	55	65	75	85

Nos.	122	124	126	128	130
Quarts,	4½	5½	6½	8	10
Inches,	9½x4	10x4¾	10¾x5	11½x5¼	12½x5¼
Per dozen,	$11 40	12x60	14 40	16 20	18 00
Each,	95	1 05	1 20	1 35	1 50

BEADED STRONG SAUCE POTS.

Nos.	18	20	22	24
Quarts,	2½	3½	4½	5½
Inches,	7¼x3¾	8½x4½	9¼x4¾	10x5
Per dozen,	$7 80	9 00	10 20	11 40
Each,	65	75	85	95

Nos.	26	28	30
Quarts,	6½	8	10
Inches,	10⅜x5¼	11½x5½	12x6
Per dozen,	$12 60	15 00	17 40
Each,	1 05	1 25	1 45

EXTRA STRONG STRAIGHT SAUCE POTS.

Nos.	16	18	20	22	24
Quarts,	2	2½	3½	4½	5½
Inches,	6¾x3¾	7¾x4	8½x4½	9¼x4¾	10x5
Per dozen,	$8 40	9 60	10 80	12 60	14 40
Each,	70	80	90	1 05	1 20

Nos.	26	28	30	32	36
Quarts,	6½	8	10	12	14
Inches,	10⅜x5¼	11½x5½	12x6	13x6¼	14x6½
Per dozen,	$16 20	18 00	21 00	24 00	30 00
Each,	1 35	1 50	1 75	2 00	2 50

COVERED SEAMLESS CONVEX SAUCE POTS.

WITH RETINNED COVERS.

Nos.	16	18	20	22
Quarts,	1	2	4	5
Inches,	6x3	7x3⅜	8x4½	9x5
Per dozen,	$7 20	9 60	12 00	14 40
Each,	60	80	1 00	1 20

Nos.	24	312	314	318
Quarts,	7	12	14	18
Inches,	10¼x6	11¼x8	12¼x8¾	13½x9½
Per dozen,	$16 80	30 00	33 00	36 00
Each,	1 40	2 50	2 75	3 00

GRANITE IRONWARE.

HANDLED SEAMED STRAIGHT POTS.

Nos.	8	10	12	14	16	18
Quarts,	½	1	1½	2	3	4
Inches,	3⅜x3⅜	4¼x4	5x4½	5¾x5	6½x5½	7½x6
Per dozen,	$3 00	3 60	4 20	5 40	6 60	8 40
Each,	25	30	35	45	55	70

Nos.	20	22	24	26	28	30	32
Quarts,	6	8	10	12	16	18	24
Inches,	8¼x6½	9⅛x6⅞	9⅞x7¾	10⅝x8½	11¾x9¼	12⅜x10	13¼x10¾
Per dozen,	$9 60	12 00	14 40	16 80	19 20	21 60	24 00
Each,	80	1 00	1 20	1 40	1 60	1 80	2 00

COVERED STOVE POTS.

PIT BOTTOM.

Nos.	6	7	8	9
Quarts,	6	9	14	18
Inches,	8x7½	8¾x8	10x8¾	10½x9½
Per dozen,	$19 20	21 60	24 00	30 00
Each,	1 60	1 80	2 00	2 50

COVERED STOVE POTS.

FLAT BOTTOM.

Nos.	60	70	80	90
Quarts,	6	9	14	18
Inches,	8x7½	8¾x8	10x8⅜	10½x9½
Per dozen,	$19 20	21 60	24 00	30 00
Each,	1 60	1 80	2 00	2 50

LONDON

BREAD RAISERS.

Quarts,	10	14	17	21
Inches,	15¼x7½	16⅛x7¾	17¾x8¾	19⅜x8½
Each,	$3 25	3 75	4 25	4 75

GRANITE IRONWARE.

SAUCERS.

Nos.	1	1½	2
Inches,	5¾x¾	6⅛x⅞	6¾x1
Per dozen,	$2 16	2 40	2 64
Each,	18	20	22

THUMB SCOOPS.

Nos.	1	2
Inches,	3 x 5	4¼ x 6¾
Per dozen,	$1 80	2 40
Each,	15	20

GROCERS' SCOOPS.

Nos.	3	4	5
Inches,	5¼x7¼	5¾x9	7x11
Per dozen,	$5 40	6 00	7 20
Each,	45	50	60

COVERED GROCERS' SCOOPS.

Nos.	30	40	50
Inches,	5¼x7¼	5¾x9	7x11
Per dozen,	$7 20	8 40	10 80
Each,	60	70	90

FLAT SKIMMERS, FLAT HANDLE.

Nos.	9	10	11	12	14	15
Inches,	4	4½	4⅝	5	5¾	6¼
Per dozen,	$2 16	2 40	2 64	2 88	3 36	3 60
Each,	18	20	22	24	28	30

STOVE SKILLETS.

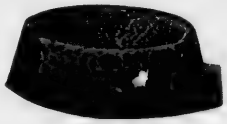
Nos.	6	7	8	9
Inches,	9x1¾	9½x1¾	10¼x2	11½x2
Per dozen,	$6 00	6 60	7 80	9 00
Each,	50	55	65	75

SPITTOONS, OCTAGON SHAPE.

No.	1
Inches	10½ x 2½
Per dozen	$11 40
Each	95

GRANITE IRONWARE.

SPITTOONS.



No.	2
Inches,	3½x10
Per dozen,	$10 80
Each,	90

SPITTOONS.

No.	3
Inches,	8x2¾
Per dozen,	$7 80
Each,	65

BASTING SPOONS.

Inches,	10	12	14	16	18
Per dozen,	$1 68	1 92	2 16	2 40	3 00
Each,	14	16	18	20	25

OYSTER STANDS.

Per dozen,	$18 00
Each,	1 50

FLOUR, SUGAR or LARD STANDS.

Nos.	1	2	3
Gallons,	3	6	10
Pounds,	15	25	50
Dozen,	$18 00	27 00	36 00
Each,	1 50	2 25	3 00

SEAMLESS TEA STEEPER.

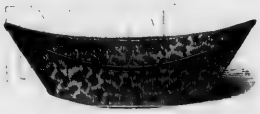
No.	1
Pints,	1½
Inches,	4¼x3½
Per dozen,	$7 20
Each,	60

TORUTMAS.

ARMY DRINKING CUPS.

No.	25
Inches,	4¾x3½x1½
Per dozen,	$3 00
Each,	25

BREAD TRAYS.



Nos.	11	21
Inches,	13x6	15x8
Per dozen,	$7 80	9 60
Each,	65	80

GRANITE IRONWARE.

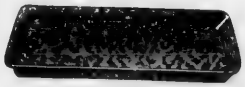
OBLONG BREAD TRAYS.

No.	1
Inches,	12½ x 9
Per dozen,	$6 60
Each,	55

CHILD'S TRAY.

No.	15
Inches,	12 x 16
Per dozen,	$10 80
Each,	90

OBLONG TRAYS.



Inches,	13	15	18
Per dozen,	$6 00	7 80	9 60
Each,	50	65	80

OVAL TRAYS.

Inches,	10½	12	14	16
Per dozen,	$4 80	6 00	7 20	9 60
Each,	40	50	60	80

Inches,	18	20	22	24
Per dozen,	$12 00	14 40	18 00	24 00
Each,	1 00	1 20	1 50	2 00

ROUND TRAYS.

Inches,	10	12
Per dozen,	$3 60	5 40
Each,	30	45

TUMBLERS.

Inches,	3⅛x4⅛
Per dozen,	$3 00
Each,	25

OVAL SOUP TUREENS.

Wood Handles.

Nos.	20	30	40
Quars,	4	6	8
Doz.,	$30 00	39 00	48 00
Each,	2 50	3 25	4 00

Nos.	50	60
Quarts,	10	13
Per dozen,	$57 00	72 00
Each,	4 75	6 00

OVAL SOUP TUREENS.

With Foot and Wood Handles.

No.	120
Quarts,	4
Per dozen,	$36 00
Each,	3 00

15
12 x 16
$10 80
90

18
9 60
80

16
9 60
80

24
24 00
2 00

3½x4½
$3 00
25

nd Wood
es.

120
4
$36 00
3 00

GRANITE TOILETWARE.

WATER CARRIERS.

No. 1
Each.....$2 25

"WINDSOR" WATER CARRIERS.

No. 2
Each.....$3 50

SLOP JARS.

No. 1
Each.....$2 25

"WINDSOR" SLOP JARS.

No. 2
Each.....$3 50

FOOT TUBS.

No. 1
Each.....$2 00

No. 1 Set, complete.....$6 50

"WINDSOR" FOOT TUBS.

SEAMLESS.

No. 2
Each.....$3 00

"Windsor" Set, No. 2, complete, $10 00

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AND

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STAMPED TINWARE.

DISH PANS.

Quarts,	10	14	17	2[illegible]
Inches,	15¼ x 5¼	17 x 5¼	18¼ x [illegible]	20½ x [illegible]
IC Plain, per doz.,	$7 65	9 00	....	
IC Retinned, per doz.,	9 75	11 25	13 50	
IX " "	11 35	13 50	16 50	[illegible]
IXX " "	15 90	18 60	22 05	[illegible]

KNEADING PANS.

RETINNED.

Quarts,	17
Inches,	17 x 6⅞
With Covers, per dozen	$40 00

SAUCE PANS.

LIPPED.

Nos.	12	14	16	18	20
Inches,	6 x 2½	6½ x 3½	7 x 3½	8 x 3½	8½ x 4
Quarts,	1	1½	2	2½	3½
Retinned, per dozen,	$3 15	3 70	4 40	5 15	6 00

Nos.	22	24	26	28
Inches,	8⅞ x 4¼	10 x 4¼	11 x 5	11¼ x 5½
Quarts,	4½	5½	6½	8
Retinned, per dozen,	$7 00	7 85	9 00	10 00

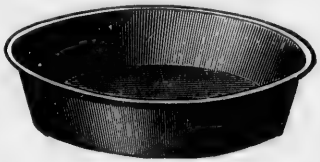
PRESERVING KETTLES.

LIPPED, WITH BACK HANDLES.

Nos.	16	18	20	22
Inches,	7 x 3½	8 x 3½	8½ x 4	8⅞ x 4¼
Quarts,	2	2½	3½	4½
Retinned, per dozen,	$5 30	5 70	6 20	7 25

Nos.	24	26	28
Inches,	10 x 4¼	11 x 5	11¼ x 5½
Quarts,	5½	6½	8
Retinned, per dozen,	$8 20	9 60	11 25

STAMPED TINWARE.



MILK PANS, IC.

Quarts,	½	1	1½	2	3
Inches,	6½x1½	7x1½	7⅞x1⅞	8½x2	9¼x2⅜
Plain, per dozen,	$1 15	1 45	1 70	1 95	2 20
Retinned, per dozen,	1 65	2 00	2 35	2 75	3 20

Quarts,	4	6	8	10
Inches,	10⅜x2½	12⅜x2⅜	13½x3	14x3½
Plain, per dozen,	$2 90	3 30	4 20	4 50
Retinned, per dozen,	4 25	5 40	6 30	7 40

MILK PANS, IX.

Quarts,	4	6	8	10
Inches,	10¼x2½	12⅜x2⅜	13½x3	14x3½
Plain, per dozen,	$3 90	5 40	6 45	7 20
Retinned, per dozen,	5 25	7 00	8 50	10 00

PUDDING PANS.

EXTRA DEEP.

Quarts,	1	1½	2	3	4	6	8	10
Inches,	7¼x2½	7⅞x2¾	8¾x2⅞	9½x3¼	10½x3¼	12x3¼	14x3½	16x3½
Plain, per dozen,	$1 95	2 15	2 50	3 00	3 50	4 75	5 00	5 50
Retinned, per dozen,	2 65	3 10	3 60	4 30	5 10	6 75	7 50	8 75
Plain, heavy,	2 35	2 75	3 45	3 90	4 50			
Retinned, heavy,	3 00	3 60	4 50	5 60	5 75			

PUDDING PANS.

OVAL.

Nos.	1	2	3	4
Inches,	8x10½x2	9x11½x2⅛	9½x12½x2¼	10½x13½x2½
Retinned, per dozen,	$5 75	6 75	8 00	10 00

WASH BOWLS.

FLAT BOTTOM.

Inches,	11½	13½
IC Plain, per dozen,	$2 85	3 75
IC Retinned, per dozen,	4 25	5 50
IX Plain, per dozen,	4 35	5 65
IX Retinned, per dozen,	5 70	7 35

WASE BOWLS.

ROUND BOTTOM, WITH HANDLES AND FEET.

Inches,	11½
Plain, per dozen	$5 70
Retinned, per dozen	7 60

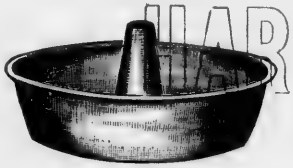
STAMPED TINWARE.

CULLENDERS.

Nos.	306
Inches	11½
Retinned, per dozen	$7 20

MILK STRAINERS.

No.	23
Inches	11½
Retinned, per dozen	$7 20



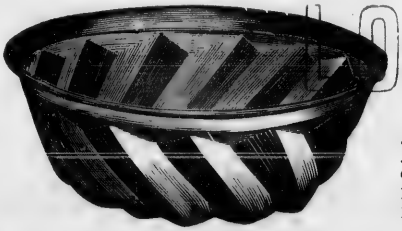
CAKE PANS.

TUBED.

Nos.	31	32	33	34	36
Quarts,	1	2	3	4	6
Inches,	7x1¾	8½x2	9¼x2⅜	10¾x2⅛	12⅜x2⅝
Plain, per dozen,	$2 25	3 75	4 50	5 25	6 75
Retinned, "	3 00	4 50	5 55	6 45	8 25

NEW STYLE JELLY MOULDS.

Pints,	½	1	2
Per dozen,	$2 90	3 30	4 10



JELLY MOULDS.

Nos.	2	3
Quarts,	2	4
Inches,	7¼x3⅛	8¾x3⅝
Retinned, per dozen,	$6 20	8 50

HARDWARE CO.
LONDON

STAMPED TINWARE.

MELON MOULDS, OVAL.

RETINNED.

Nos.	3	4	5	6	7	8
Pints,	2	3	3½	4	5½	7
Per dozen,	$25 50	30 60	33 00	35 60	38 00	43 00

JELLY MOULDS, RIMMED.

RETINNED COPPER TOPS.

Pints,	½	1	1½	2	Lion.
Per dozen,	$12 75	17 00	21 75	26 00	27 50

CAKE MOULDS.

TURK'S HEAD.

Nos	61	62
Quarts,	2	4
Inches,	7¼ x 3⅛	8½ x 3¼
Retinned, per dozen,	$8 50	12 10

PUDDING MOULDS.

Nos.	91	92
Quarts,	2	4
Inches,	7¼ x 3⅛	8¾ x 3⅝
Retinned, per dozen,	$12 75	15 75

MILK OR RICE BOILERS.

Nos.	2	3
Quarts (inside boiler)	2	3
Retinned, per dozen,	$26 50	29 75

OYSTER STEW PANS.

RETINNED.

Nos.	1	2	3	4
Quarts,	2	2½	3	4
Per dozen,	$6 50	8 50	10 00	12 00

STEW PANS.

SHALLOW.

Quarts,	1½	2	3	4
Inches,	7⅞ x 1⅞	8½ x 2	9¼ x 2⅜	10¼ x 2⅛
Plain, per dozen,	$2 25	2 70	3 15	4 05
Retinned, per dozen,	3 15	3 80	4 50	5 70

STEW PANS.

DEEP.

Quarts,	1½	2	3	4
Inches,	7⅞ x 2¼	8¼ x 2⅞	9½ x 3¼	10½ x 3
Plain, per dozen,	$2 70	3 15	3 60	4 30
Retinned, per dozen,	3 80	4 50	5 20	6 10

TEA KETTLES.

Nos.	31	32	33
Quarts,	2	4	6
Retinned, per dozen,	$22 50	27 75	31 25

TEA KETTLES.

Nos.	16	18	20	22	24
Quarts,	1½	2½	3	4	5
Retinned, per dozen,	$23 50	27 75	32 00	35 00	38 25

STAMPED TINWARE.

CORRUGATED FUNNELS.

Nos.	1	2	3	4
Quarts,	¼	½	1	2
Per dozen,	$2 50	3 00	3 75	5 75

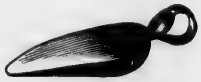
GROCERS' SCOOPS.

Nos.	2	3	4
Inches,	6¾ x 4¾	8 x 5½	10 x 6½
Retinned, per dozen,	$5 50	6 35	7 65

GROCERS' SCOOPS.

COVERED.

Nos.	20	30	40
Inches,	6¾ x 4¾	8 x 5½	10 x 6½
Retinned, per dozen,	$8 00	9 55	11 70



THUMB SCOOPS.

Nos.	12	14
Inches,	5 x 3	6 x 3½
Retinned, per dozen,	$2 10	2 55

TEA SCOOPS.

Nos.	13	15
Inches,	2¾ x 5¼	3¼ x 6
Retinned, per dozen,	$2 55	3 00

DIPPER BOWLS.

Nos.	1	2		4	5
Inches,	4¼ x 2	4¾ x 2½		5⅜ x 2½	5¾ x 2⅝
Pints,	¾	1	Quarts,	1	2
Plain, per dozen,	$0 75	1 00		1 35	2 05
Retinned, per dozen,	1 05	1 45		1 80	2 75

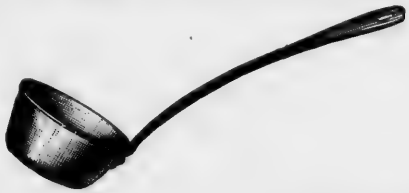
DIPPER HANDLES.

Quarts,	1	2
Per dozen,	$0 95	1 10

STAMPED TINWARE.

DIPPERS.

Nos.	1	2	4	5
Pints,	¾	1 qts.	1	2
Inches,	4¼x2	4¾x2⅛	5⅜x2½	5¾x2⅝
Plain per doz.,	$1 45	1 80	2 25	3 15
Retinned, doz.,	1 75	2 70	2 90	4 00



CUP DIPPERS.

FORGED HANDLE.

No.	9
Inches	4⅛x2
Retinned, per dozen	$2 15

CUP DIPPERS.

WOOD HANDLE.

No	123
Inches	4⅛x2
Retinned, per dozen	$4 25

HARDWARE

LADLES.

FLAT HANDLE.

Nos.	10	11
Inches	4	4½
Retinned, per dozen	$2 60	$3 15

LADLES.

BRITANNIA SHAPED.

Nos.	29	30
Inches	3¾	4
Retinned, per dozen	$3 15	3 35

LONDON

LADLES.

FLAT HANDLE.

No.	1
Inches	4
Retinned, per dozen	$1 70

STAMPED TINWARE.

PUMP LADLES.

Inches,	4	4½	5
Per dozen	$1 10	1 25	1 40

LADLE.

WOOD HANDLE.

No.	240
Inches	4
Retinned, per dozen	$2 66

LAUNDRY DIPPER.

No.	20
Quarts	3
Inches	8½x4
Retinned, per dozen	$8 50

SKIMMERS.

FLAT HANDLED.

Nos.	12	13
Inches	5	5¾
Retinned, per dozen	$2 68	3 06

SKIMMERS.

WOOD HANDLE.

Nos.	24	25
Inches	5	5¾
Retinned, per dozen	$3 80	4 20

CAKE TURNER.

FLAT HANDLE.

Nos.	13	14
Inches	3x2½	3½x3
Retinned, per dozen	$1 80	2 10

CAKE TURNER.

WOOD HANDLE

Nos.	17	18
Inches	3¼x2¾	3½x3
Retinned, per dozen	$3 05	3 45

STAMPED TINWARE.

DRINKING CUPS.

Nos.	09	010
Pints,	½	1
Inches,	4⅛ x 2	4⅞ x 2¼
Retinned, per dozen,	$1 86	2 16

O. K. GRATERS.

Nos.	1	2
Per dozen,	$1 95	2 70

VICTOR GRATERS.

EXTRA HEAVY.

Per dozen..... $4 20

CALIFORNIA CUPS.

Nos.	9	10
Inches,	4⅜ x 2	4⅞ x 2¼
Retinned, per dozen,	$1 90	2 20

HANGING SOAP DISHES.

No.	10
Inches.....	5
Retinned, per dozen.....	$2 55

SHALLOW MUFFIN PANS.

RETINNED.

Cups,	8	12
Per dozen Frames,	$9 00	12 50

STAMPED TINWARE.

MUFFIN PANS.

DEEP, RETINNED.

Cups,	6	9
Per dozen Frames	$9 00	12 50

MUFFIN PANS.

TURK'S HEAD.

Cups,	4	6	8	9
Plain, per dozen Frames,	$4 95	6 25	7 60	9 00
Retinned, per dozen frames,	8 00	9 80	11 40	13 35

SHEET PATTY PANS.

SIX ON SHEET.

Per dozen sheets, 2 30

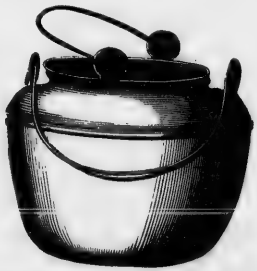
GRAVY STRAINERS.

Nos.	2	3
Inches	4½x1½	5¼x2
Plain, per dozen	$1 80	2 25

GRAVY STRAINERS.

WOOD HANDLE.

No.	4
Inches	4⅜x2
Retinned, per dozen	$3 80



GLUE KETTLES.

RETINNED.

Nos.	10	14	18
Pints	½	1½	3
Per dozen	$13 85	21 55	25 50

STAMPED TINWARE.

DAIRY PAILS.

RETINNED.

Quarts,	12	16
Inches,	10½	12
Per dozen,	$9 00	10 50

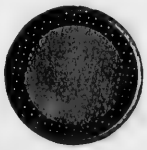
SAUCEPAN COVERS.

RETINNED.

Nos.	12	14	16	18	20	22	24
Per dozen,	$1 90	2 28	2 65	2 85	3 25	3 60	4 00

PIE PLATES.

Inches,	6	7	8	9	10	11
Per gross,	$8 70	10 50	12 30	14 55	19 20	23 85



PIE PLATES.

PERFORATED.

Inches,	9	10
Per gross,	$19 00	28 00

DINNER PLATES.

Inches,	9	10
Per gross,	$14 55	19 20

SOUP PLATES.

Inches,	7	8	9	10
Per gross,	$10 50	12 30	14 55	19 20

GEM PLATES.

Inches,	7	8	9	10
Per gross,	$10 25	15 50	17 00	19 75

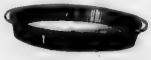
HARDWARE LONDON

STAMPED TINWARE.

JELLY CAKE PLATES.

SHALLOW.

Inches,	8	9	10
Per gross,	$12 30	14 55	19 20



JELLY CAKE PLATES.

DEEP.

Inches,	9	10
Plain, per gross,	$22 00	26 50
Retinned, per gross,	33 00	40 00

SHANTY PLATES.

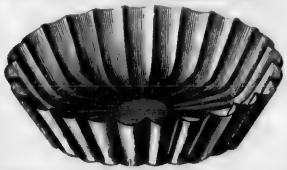
Inches, 9½

Per gross $22 85

A B C PLATES.

Inches, 6¾

Per gross..... $9 00



CAKE PANS.

SCOLLOPED.

Inches,	6	8	10
Per dozen,	$1 40	1 75	2 40

CAKE PANS.

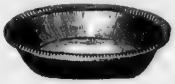
SCOLLOPED, WITH TUBES.

Inches,	6	8	10
Per dozen,	$1 65	2 00	2 75

MILK SKIMMERS.

Inches, 6x6

Per dozen..... $0 96



BEADED SAUCERS.

Inches,	5	6	7	8
Per gross,	$8 00	9 25	13 00	13 50

PATTY PANS.

PLAIN AND CRINKLED.

Inches,	3	3½	4
Per gross,	$1 95	2 55	4 65

PATTY PANS.

WASHINGTON SCOLLOPED.

Inches,	3	3½	4
Per gross,	$1 95	2 55	4 65

PATTY PANS.

OVAL SCOLLOPED.

Inches, 4

Per gross.....$2 70

PATTY PANS.

STAR.

Inches, 3½

Per gross.....$2 85

PATTY PANS.

HEART.

Inches, 3½

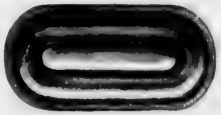
Per gross.....$2 85

PATTY PANS.

NEW SHELL.

Inches,	2½	3	3½
Per gross.	$1 35	1 65	2 10

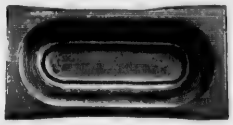
TINNERS' TRIMMINGS.



BOILER COVERS.

OVAL RIMMED.

Nos.	8	9
Plain, per dozen,	$6 60	8 25
Retinned, per dozen,	8 85	10 50



BOILER COVERS.

FLAT EDGE.

Nos.	8	9	10
Plain, per dozen,	$6 30	8 10	9 60
Retinned, per dozen,	8 55	10 35	11 85

BUCKET COVERS.

Quarts,	1	2	3	4
Inches,	5½	6⅜	6⅞	7 3/16
Per dozen,	$0 48	0 66	0 75	1 05

Quarts,	6	8	10	12
Inches,	8¾	9¼	9⅝	10½
Per dozen,	$1 26	1 50	1 65	1 80

RINGED POT COVERS.

EDGES HEMMED.

Inches,	9¼	9⅝	9¾	10	10¼	10⅝	10¾
Per dozen,	$1 52	1 52	1 63	1 63	1 70	1 70	1 80

Inches,	11	11¼	11⅝	11¾	12	13
Per dozen,	$1 88	1 98	2 10	2 19	2 28	2 63

TEA KETTLE BREASTS AND COVERS.

Nos.	7	8	9	10
Inches,	9½	10	11	12
Plain, per dozen,	$2 55	3 00	3 36	3 90
Retinned, per dozen,	3 90	4 50	5 10	5 85

RIMMED TEA KETTLE COVERS.

Inches,	4½
Plain, per dozen	$1 00
Retinned, per dozen	1 95

THE ABOVE ARE SUBJECT TO SAME DISCOUNT AS OTHER STAMPED WARE.

BBS HARDWARE CO. LONDON

TINNERS' TRIMMINGS.

STEAMER BOTTOMS.

Nos.	7	8	9	10
Per dozen,	$1 80	2 00	2 30	2 52

CHAMBER PAIL TRIMMINGS.

COMPLETE.

Nos.	2	3
Quarts,	12	16
Sets, per dozen,	$4 89	5 70

TOILET JAR TRIMMINGS.

BREASTS, COVERS, CAPS, BOTTOMS.

No.	2
Quarts	12
Sets, per dozen	$6 30

RIMMED PAIL COVERS.

Quarts,	1	2	4
Inch,	4½	6	7¼
Plain, per dozen,	$1 00	1 10	1 35
Retinned, per dozen,	1 95	....	....

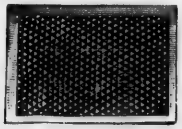
RIMMED COFFEE POT COVERS, PLAIN.

Inches,	4¼	5¼
Per dozen,	45c.	55c.

DUST PAN BLANKS.

IX.	
Per dozen	$3 60

GRATER BLANKS.



Sheets,	¼	½	1
Per dozen,	$0 75	1 15	2 10

FUNNEL TUBES.

Nos.	1	2	3	4	5
Per gross,	$1 50	2 10	2 55	3 30	3 75

THE ABOVE ARE SUBJECT TO SAME DISCOUNT AS OTHER STAMPED WARE.

TINNERS' TRIMMINGS.

TIN TEA KETTLE BOTTOMS.

Nos.	6	7	8	9	10
Per dozen,	75c.	80c.	95c.	$1 05	1 20

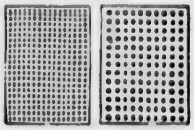
TEA POT BREAST AND COVERS.

ROUND.

Spun Hinged and Hooped.

Nos.	172	173	174	175	176
Pints,	2	3	4	5	6
Per dozen,	$1 00	1 10	1 20	1 30	1 50

PERFORATED TIN.



		Per doz.
Fine,	10x14	$2 00
Medium,	"	2 00
Coarse,	"	2 00
Fine.	14x20	4 00
Medium,	"	4 00
Coarse,	"	4 00

TEA POT BREASTS AND COVERS.

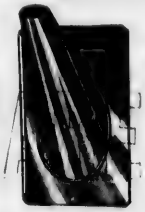
OVAL HINGED.

Nos,	112	113	114	115	116
Pints,	2	3	4	5	6
Per dozen,	$1 00	1 10	1 20	1 30	1 50

TEA KETTLE SPOUTS.

NO. 9 BENT.

Retinned, per dozen $0 90



BUFFALO TEA KETTLE SPOUTS.

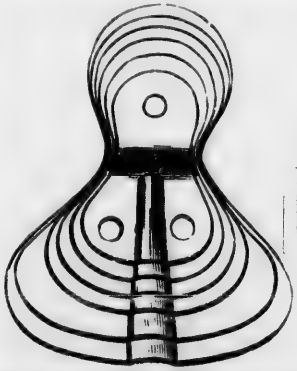
Per dozen $1 60

TEA POT SPOUTS.

FLUTED.

Nos.	1	2	3
Retinned, per dozen,	55c.	65c.	75c.

KETTLE EARS.



Nos.	1	2	3	4
Black, per gross, pairs,	$0.75	0.90	1 28	1 36
Tinned "	90	1 00	1 40	1 68

Nos.	5	6	7	8
Black, per gross, pairs,	$1 64	2 10	3 00	4 10
Tinned, "	1 96	2 56	3 45	4 96

TINNERS' TRIMMINGS.

BENT TEA KETTLE EARS.

TINNED.

Per gross pairs $3 00

MALLEABLE EARS.

Nos.	1	2	3
Per pound,	26c.	26c.	26c.

TIN TEA KETTLE HANDLES AND EARS.

SMALL.

Small, per dozen $1 00

LARGE.

Large, per dozen 1 10

TIN TEA POT HANDLES.

Nos.	030	040
Per dozen,	$0 80	1 00

PATENT TEA POT HANDLES.

Nos.	30	40
Bright, per dozen,	$1 00	1 10
Black, per dozen,	1 10	1 20

IRON TEA POT HANDLES.

Nos.	1	2	3
Per dozen,	$1 90	2 10	2 30

TINNERS' TRIMMINGS.

TEA POT HINGES.

DOUBLE SHANK.

Inches,	¾
Tin, per gross	$1 00
Brass "	1 50

TEA POT KNOBS.

TIN.

Nos.	1	2	3
Per gross,	70c.	80c.	90c.

STAR KNOBS.

Nos.	1	2
Bright, per gross	$1 80	1 60
Black, "	1 90	1 60

ENAMELED WOOD KNOBS.

Nos,	SMALL. 5	LARGE. 10
Per gross,	$1 00	1 20

TIN OIL CAN SCREWS.

Inches,	½	¾	1	1¼
Per gross	$1 50	1 80	2 30	3 20

Inches,	1½	1¾
Per gross	$3 80	4 40

FRENCH SAUCE PAN HANDLES.

RETINNED.

Nos.	1	2	3	4	5	6	7
Inches,	5½	6½	7½	8½	9½	10½	11½
Per dozen,	36c.	42c.	48c.	70c.	80c.	90c.	$1 00

OIL CAN SPOUTS.

Nos.	6	7	8
Per gross,	$1 76	1 00	70c.

WOOD PAIL HANDLES.

BOXES OF 500.

Per box $2 00

ENAMELED.

Nos. 1 to 5 ..... Per 100, $1 00
No. 6 ..... " 1 40

WIRE RINGS AND CLIPS.

Inches,	½	⅝	¾
Coppered, per gross	50c.	56c.	60c.

Inches,	⅞	1
Coppered, per gross	66c.	76c.

Inches,	1¼	1½
Coppered, per gross	84c.	$1 10

TINNERS' TRIMMINGS.

COFFEE POT LIPS.

Per gross.....$1 20

MILK CAN FIXTURES.

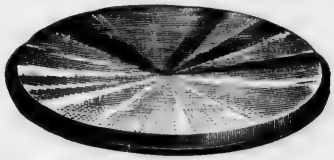
COMPLETE SETS, WITH FLAP TOP HOOPS, AND NEW PATTERN RETINNED COVERS.

15 Gallons, per set	$1 90
20 " "	2 50
25 " "	2 75
30 " "	3 05
40 " "	4 30

IMPROVED CREAMERY PAIL TRIMMINGS.

COMPRISING COVERS, BOTTOMS, EARS AND GAUGES, WITH GLASSES, WITH LOCKING ATTACHMENT ON COVER.

Per set.....$0 75



NEW STYLE DAIRY PAIL BOTTOM.

RETINNED.

Inches,	9½	11
Per dozen,	$1 60	2 15

DAIRY PAIL BOTTOMS.

RETINNED.

Inches,	9¼	10¼
XXXX, per dozen,	$1 75	2 25

SPEAKING TUBE TRIMMINGS

Whistles, per dozen	$4 25
Elbows, 1 inch, per dozen	0 50
Pipe, 1 inch, per 100 feet	4 50

SOLDER.

Solder, half-and-half, per lb.....

TINNERS' TRIMMINGS.

SPRINKLER, ROSES.

ZINC.

Nos.	00	0	1	2	3	4
Per dozen,	$1 40	1 60	2 00	2 40	2 80	3 80

TIN.

Nos.	1	2	3
Per dozen,	50c.	60c.	80c.

DISH PAN HANDLES.

Per pound $0.20

TEA KETTLE BOTTOMS.

Copper—Plain or Corrugated—Round or Square Flange.

Nos.	7	8	9	10
	At Market Price.			

PATENT TEA KETTLE BOTTOMS.

COPPER.

Nos.	7	8	9	10
	At Market Price.			

BOILER BOTTOMS.

COPPER, OVAL—PLAIN OR CORRUGATED.

Nos.	7	8	9	10
	At Market Price.			

PATENT BOILER BOTTOMS.

COPPER, OVAL.

Nos.	8	9	10
	At Market Price.		

TEA KETTLE TRIMMINGS.

COPPER.

Including Handle and Ears, Spout, Breast and Cover.

Nos.	7	8	9	10
Per dozen.....	$21 80	22 40	23 50	24 50

HOBBS HARDWARE CO. LONDON

PIECED TINWARE.

FLARING TEA POTS.

PLAIN SPOUTS.

Nos.	040	050
Pints,	4	5
Per dozen,	$3 32	3 88

OCTAGON TEA POTS.

BOWL BOTTOMS—PLAIN SPOUTS.

Nos.	20	30	40	50	60
Pints,	2	3	4	5	6
Per dozen,	$2 80	3 30	3 95	4 20	4 95

SHANTY OR HOTEL TEA POTS.

Gallons,	2	3
Per dozen,	$14 66	$17 76

PIECED TINWARE.

PEERLESS TEA POTS.

Pints.	4	5
Per dozen,	$3 88	4 45

PEERLESS TEA POTS.

COPPER BOTTOMS.

Pints,	4	5
IX, per dozen,	$6 66	8 00

TEA POTS.

SPUN BREAST, RIM COVER.

Pints,	3	4	5
Per dozen,	$5 00	5 55	6 10

TEA POTS.

HINGED COVER, BLACK HANDLE, BENT SPOUT.

Pints,	3	4	5
Per dozen,	$6 10	6 66	7 22

BOSS TEA POTS.

Pints,	5	6
Per dozen,	$6 22	7 55

COFFEE POTS—LIPS OR SPOUTS.

Quarts,	3	4
IC, per dozen,	$3 32	3 88
IC, Charcoal, per dozen,	3 55	4 10
IX, Charcoal, per dozen,	3 88	4 45

CHAMPION COFFEE POTS.

Pints,	4	5
Per dozen,	$3 32	3 88

PEERLESS COFFEE POTS.

Pints,	4	5
Per dozen,	$3 88	4 44

BOSS COFFEE POTS.

Pints,	5	6
Per dozen,	$6 22	7 55

MINERS' COFFEE POTS.

LIP AND BODY IN ONE PIECE.

Quarts,	3	4	6
Per dozen,	$6 00	6 50	7 25

HARDWARE
LONDON

PIECED TINWARE.

PLANISHED ROUND COFFEE BIGGINS.

Pints.	2	3	4	5	6
Each,	$1 50	1 70	1 90	2 10	2 30

SETS OF STOVE FURNITURE.

ELEVEN PIECES TO SET.

Nos.	7	8	9	10
Per Set,	$4 00	4 70	5 15	5 65

STEAMERS.

Nos.	7	8	9	10
Per doz.	$5 00	5 55	6 10	7 22

TEA KETTLES.

PATENT COPPER PITS—PLANISHED.

Nos.	7	8	9	10
IC, per dozen,	$9 55	10 55	11 65	12 76
IX, per dozen,	10 76	11 65	12 76	13 88

PIECED TINWARE.

TEA KETTLES.

RETINNED.

Nos.	100	200	300
Quarts,	1½	2	3
Per dozen,	$8 50	$9 50	11 00

PLANISHED TEA KETTLES.

SPUN COPPER BOTTOMS IX.

Nos.	8	9
Per dozen,	$14 44	15 55

Furnished with Bent, Straight, or Chicago Spouts.

OVAL WASH BOILERS.

Nos.	7	8	9	10
Flat Tin Bottom, per dozen,	.....	$22 66	$25 32	.....
" Copper Bottom, IC., per dozen,	.....	29 32	32 00	.....
" " " IX., "	.....	30 60	33 25	.....
Pit " " IC., "	$29 32	29 32	32 00	$39 98
Pit " " IX., "	30 60	30 60	33 25	42 66
Pit " " IXX., "	.....	35 98	39 98	53 32

OVAL WASH BOILERS.

SPUN COPPER PITS—PLANISHED.

Nos.	8	9
IX. per dozen,	$35 98	$38 66
IXX. "	41 32	46 66

FLARING WATER PAILS.

LONDON

Quarts,	6	10	14
IC., per dozen,	$2 04	3 22	3 70
IC. Charcoal, per dozen,	2 32	3 55	4 22
IX. " "	.....	4 05	5 00
IXX. " "	.....	4 66	5 55

FLARING WATER PAILS, RIMMED.

Quarts,	10	14
IX., per dozen,	$5 00	6 10
IXX., "	5 55	6 66

PIECED TINWARE.

COVERED BUCKETS.

Quarts,	1	2	3	4	6	8	10
IC, per dozen,	$1 48	1 75	2 05	2 76	3 50	4 10	4 66
Quarts,	8	10	12	14	16		
IX, per dozen,	$4 45	5 00	5 76	6 44	7 00		

MILK STRAINER PAILS.

Quarts,	10	14
IX, per dozen,	$8 88	11 10
IXX, per dozen,	10 00	12 32

IMPROVED CREAMERY PAIL.

HEAVY.

WITH PATENT TAP AND BOTTOM.

Inches,	8½
Quarts	20
Per dozen	$26 66

WITHOUT PATENT TAP.

Per dozen	$21 32

SAUCE PANS.

Quarts,	1	2	3	4	6
Per dozen,	$1 48	1 75	2 05	2 76	3 50

CULLENDERS.

Medium, per dozen	$2 76
Large, per dozen	4 45

MILK STRAINERS.

Gem, per dozen	$2 76
Medium, per dozen	3 32
Large, per dozen	4 44

PIECED TINWARE.

SEMI-CENTENNIAL SETS.

ONE EACH, 6, 10 AND 14 QUART FLARING PAIL, ONE DIPPER, ONE 3 QUART PUDDING PAN.

Per set $1 05

HOBBS

ROUND DINNER PAILS.

WITH CUP AND PAN.

Quarts,	3	4
Per dozen	$3 55	5 00

OVAL DINNER PAILS.

WITH CUP AND PAN.

Per dozen $8 22

OBLONG DINNER PAILS.

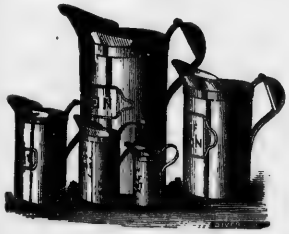
Per dozen $10 55

OBLONG DINNER PAILS.

WITH CUP, TRAY AND FLASK.

Per dozen $11 10

HARDWARE CO.



IMPERIAL MEASURES.

HEAVY TIN AND GOVERNMENT STAMPED.

	½ pt.	1 pt.	1 qt.	½ gal.	1 gal.
Per dozen	$3 36	4 44	5 48	8 76	10 28
Per set of five					$2 70

JEWEL OIL CAN.

LONDON

GALVANIZED, WITH IMPROVED TAP.

Gallons, 5

Per dozen $22 50

PIECED TINWARE.

LONG HANDLE DIPPERS.

Quarts,	2
IC., per dozen,	$1 22
IC., Charcoal, per doz.,	1 45
IX., " "	1 66

FUNNELS.

Pints,	½	1	2	4
Per dozen,	44c.	77c.	$1 10	1 66

ROUND OIL CANS.

Gallons,		½	1
Plain, per dozen		$2 35	2 80
Gallons,	**2**	**3**	**5**
Plain, per dozen	$5 15	5 30	8 45
Plain, Wood-Bottom, per dozen			10 00

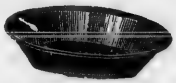
COAL OIL CANS.

FLARING TOP.

Gallons,	½	1	2	5
IC., per dozen,	$3 15	3 88	5 00	10 22
IX., per dozen,	3 55	4 44	5 55	10 76

GLASS OIL CANS.

Gallons,	½	1
Per dozen	$10 00	13 32

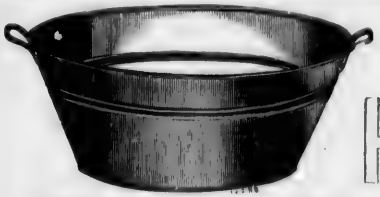


MILK PANS.

PIECED.

Quarts,	½	1½	2	4	6	10
IC., per dozen,	$0 88	1 22	1 32	1 66	1 94	3 32
IX., per dozen,					2 22	3 88

PIECED TINWARE.



DISH PANS.

HOBBS

Quarts,	10	12	14	16	20
Per dozen,	$3 32	3 38	5 32	5 76	6 22

BREAD PANS.

COVERED.

Quarts,	20
Per dozen	$10 00

GRATERS.

Sheet,	¼	½	1
Per dozen,	$0 77	1 10	1 76

CUPS.

HARDWARE CO.

Pints,	½	1
Per dozen	44c.	66c.

Quarts,	1	2	3
Per dozen	$0 85	1 22	1 50

PICNIC MUGS.

IMPROVED.

Iron Handle, per dozen ..... 66c.
Tin " " ..... 55c.

EMBOSSED PICNIC MUG.

Per dozen $1 00

LONDON

TEA FLASKS.

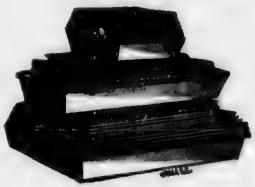
Pints,	1
Per dozen	$2 00

PIECED TINWARE.

BREAD PANS.

Nos.	7	8	9
Inches,	9½x6x2½	10½x6¼x3½	13½x8½x3½
Per dozen,	$1 10	$1 45	$1 88

A 1 DRIPPING PANS.



Nos.	1	2	3	4	5
Inches,	9x11¾	9x14¾	10½x15½	12½x17½	13½x19½
Iron, per dozen,	$1 55	1 66	2 32	3 00	3 32

COMMON SQUARE PIE PANS.

Square, per dozen $1 10
Oblong, " 2 66

TEA STEEPERS.

Nos.	1	2
Per dozen	$1 32	1 76
Hinged, per dozen	1 45	

DOUGHNUT CUTTERS.

Inches,	3
Per dozen	66c.

COOKEY CUTTERS.

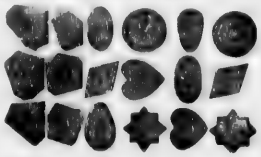
Inches,	3	4
Per dozen	40c.	55c.

BISCUIT CUTTERS.

PLAIN.

Inches,	3	4
Per dozen	40c.	55c.

PIECED TINWARE.



CAKE CUTTERS.

ASSORTED—FANCY.

Per dozen $1 10

MUFFIN RINGS.

Inches,	2½	3	3½
Per dozen	40c.	50c.	60c.

EGG SLICERS.

Inches,	4¾ x 4⅛
Per dozen	$2 50

APPLE CORERS.

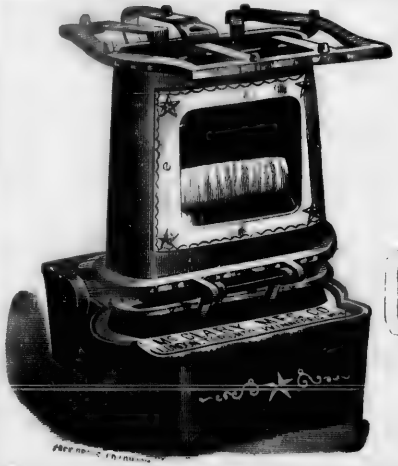
Nos.	1	2
Per dozen.	$1 00	$2 00

SAP BUCKETS.

Quarts,	10	14
IC., per dozen,	$2 44	3 10
IC. Charcoal,	2 77	3 55
IX. "	3 10	4 22

HORNS—DINNER.

No. 1—with screw, per dozen	$1 60
" 2—without " "	1 30
" 02— " " "	1 00
" 10—Japanned "	2 50



LAMP STOVES.

GOLDEN STAR.

Each $1 80

COPPER WARE.

OVAL WASH BOILERS.

COPPER, PLANISHED, PATENT PIT, TIN COVER.

Nos.	8	9	10
Cone Pit, each	$6 10	6 66	7 76
Spun Pit, each	6 66	7 22	....

COPPER TEA KETTLES.

Nos.	0	1	2
Quarts,	1½	2	3
Each,	$1 77	2 00	2 22

BRASS TEA KETTLES.

FLAT BOTTOMS.

Pearl, each..... $1 66

TEA KETTLES.

COPPER, PLANISHED.

Nos.	8	9
Each,	$3 32	3 88

COPPER SPUN, EXTRA HEAVY.

Nos.	8	9
Each,	$3 88	4 45

GALVANIZED IRONWARE.

GALVANIZED BUCKETS.

HOBBS

Inches,	11	12	13	14
Per dozen,	$5 00	5 55	6 22	7 22

GALVANIZED SAP BUCKETS.

Quarts.	12
Per dozen	$

HARDWARE CO

GALVANIZED WASH BASINS.

Inches,	11½	13
Per dozen	$2 76	3 32

GALVANIZED WASH BOWLS.

ENGLISH.

Inches,	11½	13	14
Shallow, per dozen	$2 88	3 55	4 22
Deep, "		4 22	4 88

LONDON

GALVANIZED RANGE BOILERS.

CAPACITY.

30 Gallons ..... $
35 " .....
40 " .....

GALVANIZED COAL HODS.

GALVANIZED COAL HODS.

FUNNEL.

No. 3
Per dozen..... $14 44

GALVANIZED COAL HODS.

OPEN.

No. 7
Per dozen..... $10 00

GALVANIZED COAL HODS.

FURNACE, EXTRA LARGE, OPEN.

Per dozen..... $22 50

JAPANNED COAL HODS.

COAL HODS.

JAPANNED, OPEN, PLAIN.

No.	7
Per dozen	$6 66

JAPANNED, OPEN, GOLD BAND.

No.	6
Per dozen	$7 76

COAL HODS.

FUNNEL, GOLD BAND, DECORATED.

No.	5
Per dozen	$11 10

FUNNEL, PLAIN, EXTRA LARGE.

No.	3
Per dozen	$13 32

COAL HODS.

HELMET, GOLD BAND, DECORATED.

No.	2
Per dozen	$15 54

COVERED, EXTRA FINISH.

No.	1
Per dozen	$20 00

JAPANNED WARE.

TOILET SETS.

ASSORTED COLORS—GOLD BANDS.

No. 100	Per set		$2 98
No. 100	Toilet Water Carriers, assorted colors	per dozen,	$12 00
" 100	Oval Foot Tubs, assorted colors	"	12 00
" 101	Toilet Sets, Oak Grained, with Gold Bands	per set	3 32
" 102	" Rustic, Light Blue and Vermillion, Gilt Scroll and Picture	"	3 88
" 103	" Rustic, Maroon and Green, Gilt Scroll and Pictures	"	3 88
" 107	" Hand Painted, Beautiful Designs	"	5 55
" 108	" Queen Anne, Various Colors	"	5 32

TOILET SETS.

ORNAMENTED—ASSORTED COLORS.

No. 107 Per set $5 55

JAPANNED WARE.

TOILET WARE.

No. **109** Egyptian, Various Colors, per set $5 76

TOILET WARE.

No. **109** Oriental, Various Colors, per set $3 88

TOILET WARE.

No. **99** Various Colors, per set $2 44

TOILET JARS.

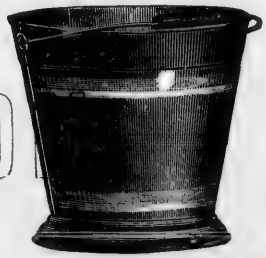
WITH OR WITHOUT BAILS.

Assorted Colors.

No. **1** Per dozen, ... $8 88

HOTEL JARS.

WITH BAILS.



Assorted Colors.

No. **01** Per dozen $7 50

JAPANNED WARE.

CHAMBER PAILS.

ASSORTED COLORS.

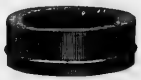
Quarts,	12	16
Per dozen,	$8 88	10 54

CHAMBER PAILS.

WITH COMMODE ATTACHMENT.

JAPANNED.

No.	40
Quarts	16
Per dozen	$12 70



COMMODE ATTACHMENTS

FOR CHAMBER PAILS.

Inches,	9½
Per dozen	$3 75

TOILET BOWL AND PITCHER.

No. 0	Assorted Colors	per set,	$1 55
No. 1	Oak Grained	"	2 06
No. 2	Pink and Blue, Gold Pictures	"	2 22
No. 3	Cream and Blue, Gold Pictures	"	2 22

JAPANNED WARE.

CHILDREN'S BATHS.

Nos.	1	2	3
Inches,	23	39	34
Per dozen,	$15 00	22 22	31 98

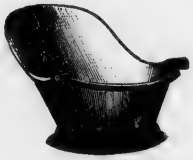
PLUNGE BATH.

WOOD BOTTOM.

Nos.	4	5
Length, inches,	64	72
Price, each,	$12 22	13 32

SPONGE BATH.

Nos.	1	2
Each,	$5 00	6 10



SITZ BATH.

ONE SIZE.

No.	3
Each	$6 66

CUSPADORES.

ASSORTED COLORS, GOLD BANDS.

No.	1
Per dozen	$2 76

SELF-RIGHTING, ASSORTED COLORS, GOLD BANDS.

No.	2
Per dozen	$3 88

HOBBS HARDWARE CO. LONDON

JAPANNED WARE.

MAT CUSPADORES.

ASSORTED COLORS AND GOLD BANDS.

Per dozen..... $9 00

CUSPADORES.

CAST IRON BOTTOM, ASSORTED COLORS, GOLD ORNAMENTATION.

Nos.	3	4	5
Per dozen,	$6 88	8 66	10 44

CUSPADORES.

NICKEL PLATED.

Per dozen..... $

BRASS.

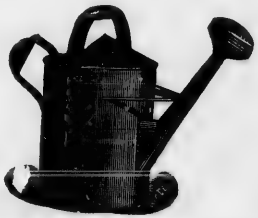
Per dozen..... $

BRASS, SELF-RIGHTING.

Per dozen..... $

SPITTOONS.

Solid Cover ..... per dozen, $2 22
Pressed Bottom ..... per dozen, 2 00



WATERING POTS.

PATENT ROSE.

Quarts, Per dozen.....	1 $3 55	3 5 32
Quarts, Per dozen.....	6 $6 66	12 10 00

JAPANNED WARE.

WATER COOLERS.

PLATED FAUCETS.

Gallons,	3	6	8
Each,	$6 66	7 76	8 88

HOBBS

Water Coolers—Plated Faucets.

COOLERS AND FILTERS COMBINED.

Gallons,	3
Each	$10 00

ASSORTED COLORS.

Coolers and Filters Combined.

TEA OR COFFEE CANISTERS.

ROUND—ASSORTED COLORS.

Pounds,	1	2
Per dozen	$1 77	2 22

HARDWARE CO.

SUGAR BOXES.

ROUND—WITH RAISED TOP.

Nos.	1	2	3	4
Per dozen	$3 88	5 55	8 32	11 10

Nest of four, per nest ... $2 40

BREAD BOXES No. 1.

ASSORTED COLORS.

Nos.	1	2	3
Sizes	9½ x 13	11 x 15	12 x 17
Each	$1 22	1 44	1 77

Nest of three ... $4 44

LONDON

BREAD BOXES NO. 2.

IX TIN, ASSORTED.

Nos.	1a	2a	3a
Sizes	11 x 15½	12 x 17	13 x 19
Each	$2 32	2 44	2 55

Nest of three ... $7 32

JAPANNED WARE.

ROUND CAKE BOXES.

Nos.	1	2	3
Per dozen,	$10 54	11 10	11 66

Nest of three.....$2 27

SPICE BOXES.

GEM.

Six Spices, per dozen $9 32

SPICE BOXES.

BOOK.

Six Spices, per dozen $19 44

SPICE BOXES.

Four Spices, small, per dozen.....$4 00
" large, " 5 32

ROUND SPICE BOXES—JUBILEE

SEVEN INSIDE BOXES.

Seven Spices, per dozen $10 00

CASH BOXES.

Inches,	8	9	10	11
Per dozen,	$17 76	20 00	22 22	24 44

TEA CADDIES.

REVOLVING COVERS.

Lbs..... 60
Each $10 00

Other sizes made to order.

JAPANNED WARE.

SQUARE OPEN KNIFE BOXES.

HOBBS

Per dozen $8 32

BILL HEAD CASES.

	1	2	3
Parts, Per dozen	$2 75	4 50	5 75

POST OFFICE BOXES.

	1	2	3
Parts, Per dozen	$4 50	7 00	9 25

HARDWARE CO.

WASTE PAPER BASKETS.

Size, 11 x 11 x 13 in. Deep
Each $0 66

COVERED DUST PANS.

JAPANNED AND ORNAMENTED.

IX, Wired, per dozen $5 25

LONDON

DUST PANS.

JAPANNED.

1C, per dozen $2 00
IX, per dozen 2 62

PLAIN WIRED, ASSORTED COLORS.

IX, per dozen $2 76

JAPANNED WARE.

CRUMB TRAYS AND BRUSHES.

ASSORTED COLORS.

Nos.	1	2	3
Per dozen	$8 44	10 76	11 76

EMBOSSED CRUMB TRAYS AND BRUSH.

No. **30** Brass, per dozen ..... $

No. **35** Imitation Brass, per dozen .....

HEAVY BRASS CRUMB TRAY AND SCRAPER.

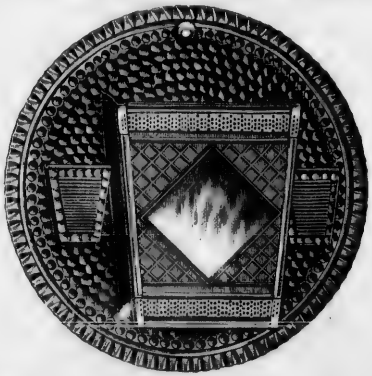
No.	50
Each	$0 88

EGYPTIAN WHISK HOLDER.

No. 60.

No. **60** Per dozen $2 75

EGYPTIAN MIRROR WHISK HOLDER.



Per dozen $6 00

JAPANNED WARE.

Embossed Comb Cases.

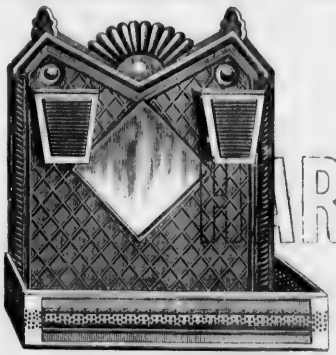
No. 1
Per dozen..... $1 44

Comb Cases.

Per dozen..... $1 44

EMBOSSED COMB CASE AND MATCH SAFE.

No. 2
Per dozen..... $2 25



EGYPTIAN MIRROR DRESSING CASE.

Per dozen..... $6 00

MATCH SAFES.

SQUARE.

LUMINOUS.

TWIN.

Square Match Safes	per dozen, $1 00
Twin Match Safes	per dozen, 1 33
Luminous Match Safes	per dozen, 3 25

MATCH SAFES.

"EASTLAKE"

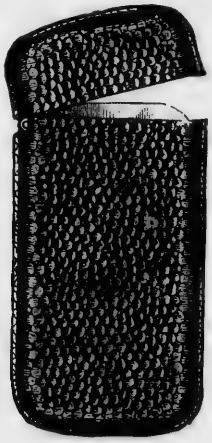
MATCH SAFES.

LUMINOUS.

No. **310** Oxidized Nickel . . . per dozen, $

POCKET MATCH BOXES.

No. 31.



No. 27.

No. **31** "Antique" Match Boxes, Solid Nickel Silver, Oxidized . . . . per dozen, $

No. **27** Pocket Match Boxes, "Gold," assorted patterns . . . . . per dozen,

JAPANNED WARE.

BOOK LUNCH BOXES.

FANCY.

No.	1
Inches	7½
Per dozen	$3 55

CANDLESTICKS.

Nos.	1	2
Per dozen	$1 32	$1 66

BOX GRATERS.

Per gross $4 30

MOLASSES CUPS.

Quarts.	½	1
Japanned, flat bottom, per doz.	$2 50	$3 75

DREDGE BOXES.

JAPANNED.

No.	1
Per dozen	$0 77

PEPPER BOXES.

No.	2
Per gross	$4 30

HARDWARE CO.

CHILDREN'S TRAYS.

ASSORTED COLORS.

No.	1
Per dozen	$7 77

JAPANNED WARE.

TEA TRAYS.

No. 1564.

No. 1449.

Inches,	12	14	16	18	20	22	24	26	28	30
No. **1564**, per dozen,	$2 40	2 80	3 60	4 50	5 30	6 00	7 00	9 00	11 20	12 50
No. **1449**, per dozen,	3 20	3 65	4 00	5 20	5 80	6 60	7 50	....	....	....

UMBRELLA STAND.

CAST BOTTOM AND TOP RIMS

No. **60** Umbrella Stand . . . . . each, $3 32

TOYS

TOY GOTHIC BANKS.

Per dozen, - - - - - - $1 10

HOBBS

ROUND BANKS.

Per dozen, - - - - - - - - $0 77

TOY HOUSE BANKS.

Per dozen, - - - - - - - - $1 10

A B C RATTLES AND WHISTLES.

Per dozen, - - - - - - - - $0 44

HARDWARE CO.

WHISTLES

Inches,	8	10	11	12	14
Per dozen,	44c.	60c.	77c.	95c.	$1 10

LAVA TOY PAILS.

Nos.	1	2	3
Per dozen,	$0 88	$1 32	1 76

Nest of three, per dozen, - $4 00

TOY FLARING CUPS.

Nos.	1	2	3
Per dozen,	55c.	72c.	88c.

LONDON

STRAIGHT TOY CUPS.

Per dozen, - - - - - - - - $0 72

MASLIN KETTLES.

RIMMED BOTTOM, SIDE HANDLE AND STOP BAIL, PORCELAIN ENAMELED.

Quarts,	2	3	4	5	6	7	8
Inches,	7	7½	8	8½	9	9½	10
Each,	$0 60	65	75	90	1 10	1 20	1 30
Quarts,	9	10	12	14	16	18	20
Inches,	10½	11	12	13	14	15	16
Each,	$1 35	1 40	1 50	1 75	2 00	2 25	2 50

SCOTCH BOWLS.

IMPROVED PATTERN, WITH LIFT AND STOP BAIL, PORCELAIN ENAMELED.

Nos.	2	3	4	5	6
Inches,	9	10	11	12	13
Each,	$0 75	90	1 10	1 20	1 40

BELLIED SAUCE PANS.

IMPROVED PATTERN, WITH IMPROVED COVERS, PORCELAIN ENAMELED.

Pints,	1	1½	2	3	4	5
Each,	$0 39	44	48	56	63	68
Quarts,	3	4	5		6	7
Each,	$0 73	84	96		1 11	1 21
Gallons,	2	2½	3	3½	4	5
Each,	$1 31	1 56	1 70	2 00	2 15	2 50

DEEP FRENCH STEW PANS.

IMPROVED PATTERN, EXTRA LARGE AND DEEP, PORCELAIN ENAMELED.

Nos.	1	2	3	4	5	6
Each,	$0 51	59	69	80	94	1 10
Nos.	7	8	9	10	11	12
Each,	$1 20	1 32	1 51	1 68	1 85	2 00

CROSS TOASTERS.

Per dozen, - - - - $

SWING TOASTERS.

Per dozen, - - - - - $

VICTORIA FLOUR SIFTERS.

Per dozen, - - - - - - - - - $

METALLIC FLOUR SIEVES.

Tinned, - - - - - - - - Per dozen, $

"O. K." PARER AND SLICER.

FOR FRUIT AND VEGETABLES.

Per gross, - - - - - - - - $

BRASS SUSPENSION BIRD CAGE SPRINGS.

No. **10** Bird Cage Spring, - - - - - - - Per gross, $

VENTILATOR BRICKS

2½ x 8 inches, without Slide	per dozen, $
5 x 8 inches, without Slide	per dozen,
2½ x 8 inches, with Slide	per dozen,
5 x 8 inches, with Slide	per dozen,

NEW "PERFECT" CAN OPENER.

No. **25**	Polished, with Japanned Malleable Handle	per dozen, $
No. **30**	Extra Polished and Nickel Plated, with Cherrywood Handle	per dozen,

MERRILL'S

ROTARY LAWN SPRINKLER

IS ESPECIALLY DESIGNED FOR

SPRINKLING GARDENS, GRASS, PLATS, PARKS, ETC., ETC.

It can be attached to the nozzle of any hose in an instant, and being supported by a standard, will distribute more water, do it more uniformly and thoroughly, and cover a larger area of surface than any other lawn sprinkler in the world.

IT WILL SAVE NINE-TENTHS OF THE LABOR USUALLY REQUIRED, AND IS SOLD SO CHEAP THAT NOBODY CAN AFFORD TO BE WITHOUT ONE.

The distinctive feature of this sprinkler is the method of converting the solid stream of water, after it leaves the nozzle, into a **FINE SPRAY,** which is thrown to a great distance in every direction by the rotary action of the Sprinkler. With our ordinary city water pressure the spray will be EVENLY DISTRIBUTED OVER AN AREA OF FROM 1,200 TO 1,600 SQUARE FEET OF GROUND.

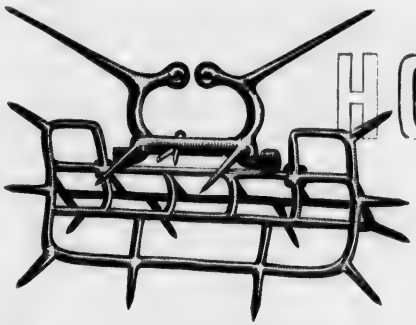
With this Sprinkler a very material change from the usual mode of sprinking lawns and gardens is made practicable, it being as far in advance of the capacity of the spray nozzle or perforated sprinkler as they are of the old hand watering-pot; for, instead of continual handling and manipulation, the great range and extraordinary scattering capacity of the Merrill Sprinkler admits of its remaining for a considerable time in one position, fixed upon a standard, and requiring only occasional attention to move it from one place to another when it has sufficiently watered the field within its scope, thereby saving more than NINE-TENTHS of the personal attention and labor.

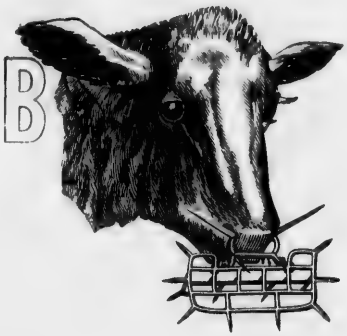
This is the only Sprinkler manufactured which will not clog with leaves or grass.

Merrill's Rotary Lawn Sprinkler - - - - - - - - - - per dozen, $

CALF WEANERS.

"THE SETTLER."





HOBB

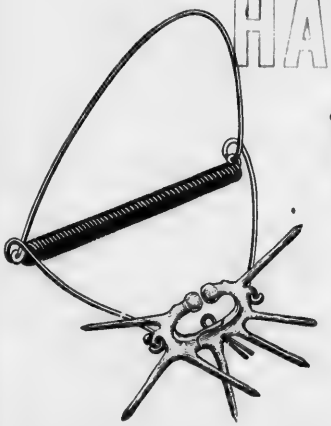
No. **10**	For calves four months to one year old	per dozen, $
No. **12**	For animals one to two years old	per dozen,

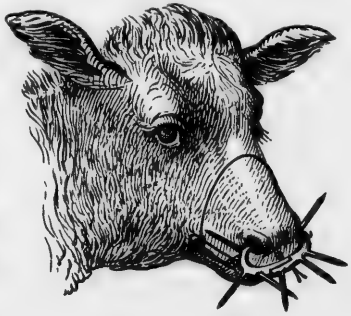
WHY IT IS THE SETTLER.

FIRST. Because for sucking calves it is a "SETTLER."
SECOND. Because Farmers suffering with sucking calves must have a "SETTLER."
THIRD. Because it has settled the Weaner question, and the "SETTLER" leads.

FULLER'S CALF WEANERS.

HARDWARE CO.





No. **1**	From four to eight months old	per dozen, $
No. **2**	Yearling and two-year-old	per dozen,
No. **3**	Cow Weaners, without Bit	per dozen,

LONDON

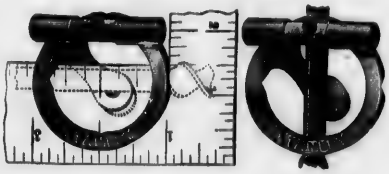
DIRECTIONS.

FIRST. See that the proper sized Weaner is used. See number and size above.

SECOND. Don't be afraid to use the wire or anti-sucking bit when it is necessary. It is the best part of the Weaner, as it destroys the vacuum and makes it impossible for the calves to draw any milk. The bit being flexible, allows the calf to eat and drink without the least inconvenience or trouble to the calf whatever.

THIRD. Hook the wire frame into the eyes of nose piece, as represented in the above cut; take out the split-pin at the joint, and pull the nose piece open; then push the spiral bit into the calf's mouth far enough so that the ball-shaped ends of the nose piece can be put into the nose; then close the nose piece and put back the split pin, and spread the pins at the ends to prevent it coming out.

STANLEY'S PATENT BIT AND SQUARE LEVEL

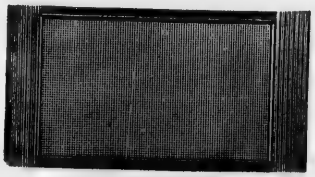


The frame of this Level has three pairs of V slots on its back edges. A thumb-screw secures the Level to the Bit, and boring can be done with perfect accuracy as to the perpendicular, horizontal, or angle of 45 degrees by observing the bubble-glass while turning the Bit.

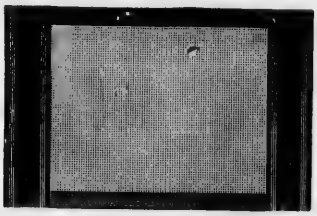
The frame can also be attached to a carpenters' square. Two shoulders rest on the top of the horizontal leg to the square, thus making it an accurate spirit-level, and the upright leg of the square will then indicate an exact plumb-line.

No. **44** Bit and Square Level, Brass Frame - - - - - - - - each, **$0 30**

WIRE WINDOW SCREENS



SOLID ADAPTABLE FRAME.



ADJUSTABLE FRAME.

SOLID ADAPTABLE SCREEN.

No. **1** Height, 20¾ inches; full size, 30½ inches; cut to 25 inches - - per dozen, **$6 00**
No. **2** Height, 23½ inches; full size, 35 inches; cut to 29½ inches - - - per dozen, **6 50**

ADJUSTABLE SCREEN.

No. **7** Height, 24 inches; closed, 25 inches; open, 30½ inches - - - per dozen, **$7 50**
No. **8** Height, 24 inches; closed, 29½ inches; open, 35 inches - - - per dozen, **8 00**

The frames of these Screens are made of hardwood, finished with hard oil on the natural wood, and will be found to be the best finished, most complete and strongest Screen in the market.

The numbers 1 and 2 are not adjustable, but are provided with heavily scored ends, which can be easily cut down with a pocket knife to suit any size window.

The numbers 7 and 8 have adjustable sliding ends.

PUT UP ONE DOZEN IN A CRATE.

DOORS.

No. **10** 2 feet 8 inches x 6 feet 8 inches - - - - - - - per dozen, **$17 00**
No. **11** 2 feet 10 inches x 6 feet 10 inches - - - - - - - per dozen, **18 00**
No. **12** 3 feet x 7 feet - - - - - - - - - - - per dozen, **19 00**

PUT UP HALF DOZEN IN A CRATE.

THE FRAMES OF THESE DOORS ARE MADE OF CLEAR PINE LUMBER AND STAINED WALNUT.

ZEL

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---

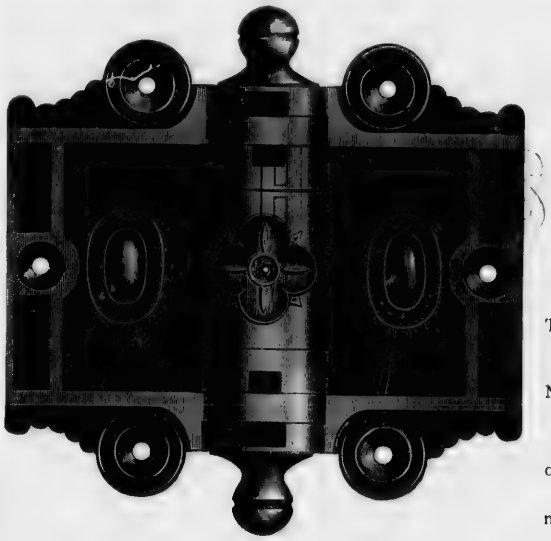
n, $6 00
n, 6 50

n, $7 50
n, 8 00

nd will be

easily cut

$17 00
18 00
19 00



THE "RELIABLE"

SURFACE SPRING HINGE.

COVERED SPRING.

HOLDS THE DOOR EITHER OPEN OR SHUT.

The weight of the door is supported by the knuckles of the hinge. In no other hold-back hinge is this so.

No. **20** Black Japanned, per dozen pairs, $

Packed 6 pairs in box.

Has the good points of all other hinges, and none of the weak ones.

Has a flat steel, oil tempered spring, that will never "set" or wear out.

COMBINATION IRON SOAP HOLDER.

CHEAP, USEFUL AND ECONOMICAL.

It can be used in a variety of ways. It will either hang on the wall, round or square wash tubs, scrubbing pails, or stand anywhere, and always ready for use.

No. **2** Galvanized, - - - Per dozen, $
" **2** Maroon, - - - Per dozen, $

DIMENSIONS, ETC.—No. 2.

5½ inches in length.	3½ inches wide across top.
1¼ inch deep in front.	1¼ inch height of back.
1 inch length of back legs.	1¼ inch space between the three back legs.
Weight, ½ lb.	Capacity, 1 lb. soap.

MANNY'S

LEMON JUICE EXTRACTOR.

EXTRACTS THE PURE JUICE ONLY,

AND DELIVERS IT INTO THE TUMBLER FREE FROM THE BITTER OIL OF SKIN OR SEEDS.

TRY IT ONCE AND YOU WILL NEVER WANT TO USE AN OLD-FASHIONED SQUEEZER AGAIN.

DIRECTIONS.

Set the Squeezer upon a tumbler (as shown in the engraving), place a half lemon upon the points, press downward and oscillate the lemon slightly. The ribs easily enter the pulp; the juice as it is liberated passes down through the openings into the tumbler. These openings are too small to allow the seeds to pass through. The pulp will not be detached from the skin if the work of expressing the juice is not overdone. By this process we obtain the clear juice from the PULP with none of the bitter oil from the skin. A lemonade thus made is doubtless a more wholesome beverage, and is certainly more agreeable to the taste. Try it once and you will never want to use an old-fashioned squeezer again. They are made of glass, and as easily kept clean as a tumbler; are an ornament to the table when placed around a fruit dish, and each member of the family, young or old, can easily make a lemonade with any desired amount of the acid without soiling the hands, and each can sweeten as they like it best.

When this squeezer is used, the old custom of making lemonade in quantities, and wasting what is not used will be discontinued.

Please order samples for trial, and you will doubtless have a lively demand as soon as their merits become known. At least, that has been the experience of all dealers who have handled them.

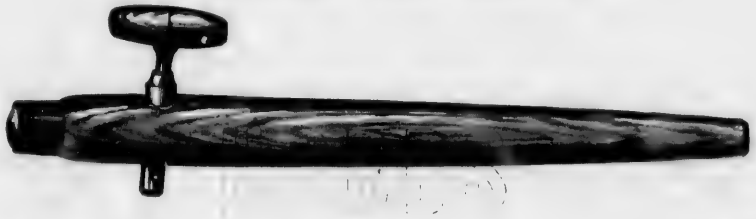
Manny's Lemon Juice Extractor - - - - - - - - - per dozen, $

"THE HARRIS" TELESCOPE SHADE ROLLER.

THE BEST ADJUSTABLE SHADE ROLLER IN THE MARKET.

No. 1 Telescope Shade Roller - - - - - - - - - per dozen, $

"STANDARD" BEER FAUCETS.



No. 1 18 & 20 Inch Beer Faucets, with Iron Bound End, Half Inch Discharge Key. - - Per dozen, $

" 8 18 Inches Long, Beer Faucets, with Iron Bound End, Three-eighths Inch Discharge Key. - - Per dozen, $

SKEWERS

IN SETS.

No. 1 10½ Inches, - - - - - - Per dozen sets, $

PLASTERERS' HAIR.

Plasterers' Hair, Per Bushel, $

PLASTER PARIS.

Plaster Paris, - - - - - - Per Barrel, $

WATER LIME.

Water Lime, - - - - - Per Barrel, $

AKRON CEMENT.

Akron Cement, - - Per Barrel, $

PORTLAND CEMENT.

Portland Cement, - - - - - Per Barrel, $

HARVEST MITTS.

FOR BINDING.

10 inch Mitts	per dozen pairs, $
12 inch Mitts	per dozen pairs,
14 inch Mitts	per dozen pairs,
16 inch Mitts	per dozen pairs,
14 inch Mitts, Saranac Front	per dozen pairs,
14 inch Mitts, Saranac Hands	per dozen pairs,

FOR THRESHING.

16 inch Mitts, Calf Hands	per dozen pairs, $
16 inch Mitts, Calf Face	per dozen pairs,
16 inch Mitts, Kipp Hands	per dozen pairs,
16 inch Mitts, Kipp full length, (no cuff)	per dozen pairs,

LINEN SEWED AND FIRST-CLASS STOCKS.

CHAMOIS SKINS.

Nos.	1B	2B	3C	4D
Fine Soft Skins, per dozen, $				

KNITTING NEEDLES.

Nos.	14	13	12	11	10
Per gross, $					

QUARTER GROSS IN A PACKAGE.

SCHOOL SLATES.

Sizes, inches,	4 x 6	5 x 7	6 x 9	6½ x 10	7 x 11	8 x 12	9 x 13
Per dozen, $							

SLATE PENCILS.

Slate Pencils, 6 inch	per thousand, $

100 IN BOX, 100 BOXES OR TEN THOUSAND IN CASE.

Gem Stove Pipe Collar.

Gem Flue Stopper.

GEM STOVE PIPE COLLAR.

Gem Stove Pipe Collar, 6 inches	per dozen, **$1 20**
Gem Stove Pipe Collar, 7 inches	per dozen, **1 50**

GEM FLUE STOPPER.

Gem Flue Stopper, 8 3/16 inches	per dozen, **$1 50**

Crown Mug No. 1.

SILVER FINISH.

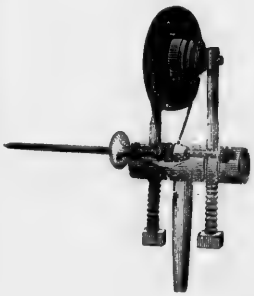
Size 2½ x 3¼ inches.

Crown Mug No. 2

SILVER FINISH.

Size 2½ x 3¼ inches.

No. **1** Crown Mug	per dozen, **$1 50**
No. **2** Crown Mug	per dozen, **1 50**



PATENT WHEEL HEADS

WITH STEEL SPINDLES.

No. **64**	Brass Bushed, large	per dozen, $
No. **65**	Brass Bushed, small	per dozen,
No. **66**	Anti-friction, large	per dozen,
No. **67**	Anti-friction small	per dozen,
No. **68**	Anti-friction, extra large, 6 inch wheel	per dozen,

FOUNTAIN OIL TANK.

WITH LEVER FORCE PUMP, CAPACITY ONE BARREL.

PAINTED GREEN BODY.

VERMILION BANDS, GOLD STRIPING AND LETTERING.

Each . . . . . $

EMERALD OIL TANK.

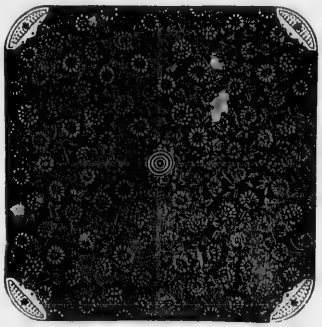
WITH FORCE PUMP, CAPACITY ONE BARREL.

PAINTED GREEN BODY, GOLD STRIPING.

Each . . . . . $

MICA PRICE LIST.

SIZE	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4¼	4½	4¾	5	5¼	5½	5¾	6
X	℔ lb		℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb	℔ lb
2	$0 45		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2¼	45		$0 45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2½	45		45	$0 45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2¾	50		50	55	$0 65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	60		60	1 00	1 10	1 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3¼	65		65	1 00	1 40	2 25	$5 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3½	70		70	1 40	1 65	2 50	5 50	$7 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3¾	80		1 00	1 75	2 00	3 25	6 00	7 50	$8 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	1 00		1 70	2 00	3 25	4 25	6 50	9 00	9 00	$9 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
4¼	1 50		2 25	2 50	4 00	5 00	7 00	9 50	9 50	10 00	$10 00	.....	.....	.....	.....	.....	.....	.....	.....
4½	2 00		2 75	3 75	5 75	8 00	9 00	10 00	10 00	10 50	10 50	$10 50	.....	.....	.....	.....	.....	.....	.....
4¾	2 25		3 25	4 75	6 75	9 50	10 00	10 50	10 50	10 75	10 75	11 00	$11 00	.....	.....	.....	.....	.....	.....
5	2 50		5 00	6 00	7 75	11 00	11 50	11 50	11 50	11 50	11 50	11 50	11 50	$12 00	.....	.....	.....	.....	.....
5¼	2 75		5 00	6 00	8 50	11 00	11 50	11 50	11 50	11 50	11 50	11 50	11 50	12 00	$12 00	.....	.....	.....	.....
5½	3 00		5 75	6 50	9 00	11 50	12 00	12 00	12 00	12 50	12 50	12 50	12 50	12 50	12 50	$13 00	.....	.....	.....
5¾	3 00		6 00	6 75	9 50	11 50	12 00	12 00	12 00	12 50	12 50	12 50	12 50	12 50	12 50	13 00	$13 00	.....	.....
6	3 25		6 50	7 00	9 75	12 50	12 50	12 50	12 50	13 00	13 00	13 00	13 00	13 00	13 00	13 00	13 50	$13 50	.....



STOVE BOARDS.

EMBOSSED WHITE BRILLIANT STOVE BOARDS.

(WOOD LINED.)

Square.

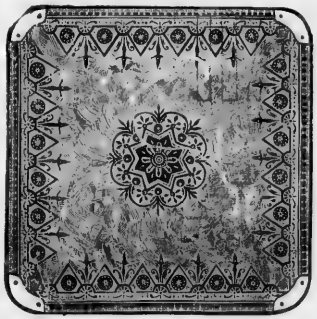
Inches,	26	28	30	32	34
Per dozen,	$26 00	28 00	30 00	31 25	32 75

Round.

Inches,	30	32	34
Per dozen,	$30 00	32 00	34 00

Oblong.

Inches,	24x28	26x30	26x34	28x36
Per dozen,	$27 50	29 00	31 00	32 00



STOVE BOARDS.

No. 1, SQUARE, CRYSTALLIZED.

Inches,	26	28	30	32	34	36
Per dozen,	$26 00	28 00	30 00	31 25	32 75	34 00

No. 1, OBLONG, CRYSTALLIZED.

Inches,	24x28	26x30	26x34	28x36
Per dozen,	$27 50	29 00	31 00	32 00

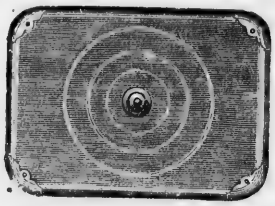
STOVE BOARDS.

No. 1, ROUND, CRYSTALLIZED.

Inches,	30	32	34	36
Per dozen,	$30 00	32 00	34 00	36 00

LONDON

STOVE BOARDS.



OBLONG, ZINC.

Inches,	24 x 28	26 x 30	26 x 34	28 x 36
Per dozen,	$22 00	24 00	28 00	30 00

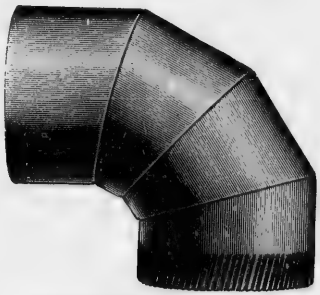
ROUND, ZINC.

Inches,	30	32	34	36
Per dozen,	$26 00	29 00	32 00	38 00

SQUARE, ZINC.

Inches,	26	28	30	32	34	36
Per dozen,	$20 00	22 00	24 00	26 00	28 00	30 00

PERFECTION ELBOWS.



No. 4, COMMON.

Inches,	5	6	7
Per dozen,	$		

No. 4, POLISHED.

Inches,	5	6	7
Per dozen,	$		

PERFECTION ELBOWS.

No. 6, COMMON.

Inches,	5	6	7
Per dozen,	$		

No. 6, POLISHED.

Inches,	5	6	7
Per dozen,	$		

ELBOWS.

Corrugated.	6 inch.	Common.....per dozen, $	Polished.....per dozen, $
Corrugated.	7 inch.	Common.....per dozen,	Polished.....per dozen,
Square.	6 inch.	Common.....per dozen,	Polished.....per dozen,
Square.	7 inch	Common.....per dozen,	Polished.....per dozen,

STOVE PIPES.

6 inch.	Common	each, $
6 inch.	Polished	each,
7 inch.	Common	each,
7 inch.	Polished	each,

T PIPES AND HALF Y PIPES TO ORDER.

28 x 36
30 00

36
38 00

36
30 00

7

7

7

7

SHOW CASES.

Fig. 1.

FIG. 1.—Finished in walnut, or imitation of ebony or rosewood, with the best metal joints and metal division bars. Paneled doors made to swing or drop, with spring hinges. Heavy, double-thick French glass in front, top and ends. All doors have mirrors.

DIMENSIONS.

Height of bottom section, 15 inches; width, outside of bottom, 27 inches; height of top section, 17½ inches; width, about 12 inches.

Price per foot $11 00

ANY SIZE OR LENGTH REQUIRED MADE TO ORDER.

HARDWARE CO.

Fig. 2.

LONDON

FIG. 2.—Case and Stand. We also furnish this Stand to suit any Case we make.

Price per lineal foot for Case $5 50
Price for Stand, 4 to 8 feet 7 75

SHOW CASES.

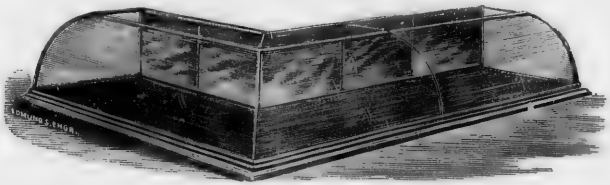


Fig. 3.

FIG. 3.—This cuts represents a Case for a counter running at right angles. This Case is made in any style either oval, square or mansard fronts.

MADE TO ORDER ONLY.

☞ Prices furnished on application, giving dimensions.

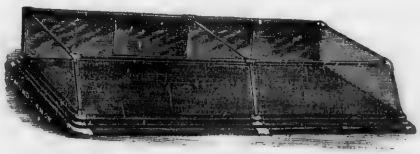


Fig. 4.

FIG. 4.—French polished black walnut, or in imitation of ebony or in rosewood, heavy base and other mouldings with silver-plated metal joints and metal division bars. Heavy, double-thick French sheet-glass in top, and double thick in front and ends. Doors made to slide.

DIMENSIONS.

Front height, 13 inches; back, 13½ inches; width, 27 inches; width of glass top, 20 inches. BOTTOMS PANELED.

Price per lineal foot, 6 feet and over,	$4 50
" " " 4 and 5 feet,	5 00

Imitation of rosewood finish, 25 cents per ft. extra.

SHOW CASES.

MANSARD FRONT.

Fig. 5.

FIG. 5.—Full metal, with best double-thick French sheet glass.

DIMENSIONS.

Front height, 14 inches; back, 15 inches; width, 27 inches; front slant, 4 inches; width of top glass, 20 inches.

Price per lineal foot, full metal, 6 feet and over,	$4 00
" " " 4 and 5 feet,	5 00

ROUND FRONT.

Fig. 6.

FIG. 6.—Full metal, with fancy base and other mouldings. Paneled doors, with mirrors, made to swing, slide or drop with spring hinges. Best heavy, double-thick French oval sheet glass, and double-thick glass on top and ends. ALL THESE CASES HAVE PANELED BOTTOMS.

DIMENSIONS.

Height at back, 15 inches; width, 27 inches, outside. The flat space on top is 12 inches; arc of oval glass, 20 inches

Price per lineal foot, full metal, 6 feet and over	$5 50
" " " 4 and 5 feet,	6 00

BLACK WALNUT, SILVER-JOINTED OVAL FRONT.

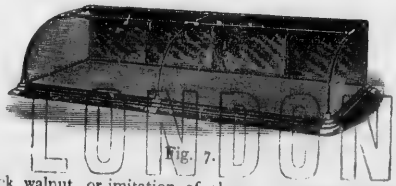


Fig. 7.

Fig. 7.—French polished black walnut, or imitation of ebony or rosewood, heavy, fancy base and other mouldings, with silver-plated metal joints and metal division bars. Paneled doors, with mirrors, made to swing, slide or drop, with spring hinges and paneled bottom. Heavy, double-thick French sheet convex glass, and double-thick glass in top and ends.

Price per lineal foot, 6 feet and over,	$4 00
" " " 4 and 5 feet,	6 00

SHOW CASES.

Fig. 8.

Fig. 8.—This shows an Upright Bow Front Case. In wood or metal, to suit purchaser.

MADE TO ORDER ONLY.

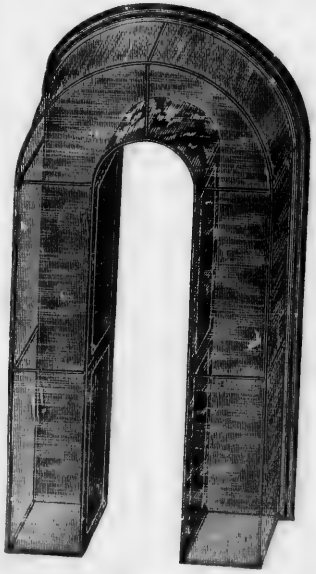


Fig. 9.

Fig. 10.

FIG. 10.—This figure represents one of the handsomest and best Centre Cases made. We get them up in silver, ebony or walnut (silver jointed.

MADE TO ORDER ONLY.

FIG. 9.—Counter Case, with round ends, various sizes.

MADE TO ORDER ONLY.

SHOW CASES.

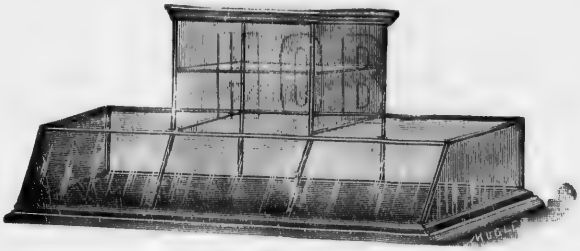


Fig. 11.

FIG. 11 represents a Mansard Case with turret, in wood or metal, to suit purchaser.

MADE TO ORDER ONLY.

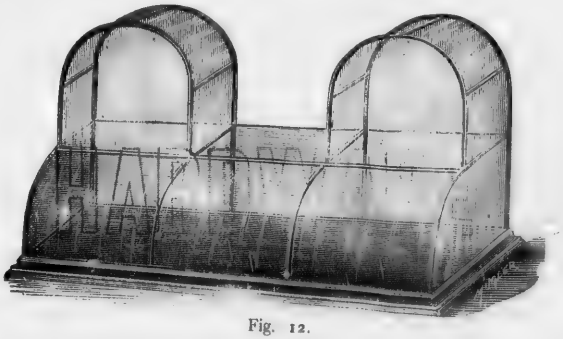


Fig. 12.

FIG. 12.—In metal or wood, with silver joints. Paneled doors, made to swing or drop, with spring hinges. Heavy, double-thick French glass in front, top and ends. All doors have mirrors

MADE TO ORDER ONLY.

Fig. 13.

FIG. 13.—Finished in walnut, or imitation of ebony or rosewood, with best metal joints and metal division bars. Doors made to swing or drop, with spring hinges. All doors have mirrors.

MADE TO ORDER ONLY.

MACHINE OILERS.

"ZERO" OR "BLIZZARD"

ICE CREAM FREEZERS

2 Quart	each, $
3 Quart	each,
4 Quart	each,
6 Quart	each,

MACHINE OILERS

Machine Oilers, Straight Spouts	per dozen, $
Machine Oilers, Bent Spouts	per dozen,

ONE DOZEN IN A BOX.

THE

"SCHULTZ" LANTERN.

Patent Tilting Guard and Patent Locked Burner.

COMPACT, SIMPLE, DURABLE.

Per dozen . . . . . $

PUT UP IN BOXES OF HALF AND ONE DOZEN.

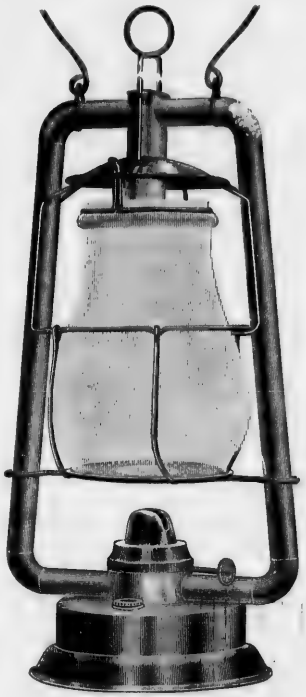
The new "Schultz" Lantern is compact, simple, durable and cheap. Its illuminating powers are unexcelled. The automatic opening in the Disc is the most simple device yet produced for lighting lanterns. These Lanterns have ROUND TUBES, being stronger in every respect than the Square Tube Lanterns now in the market.

WE CLAIM FOR THIS LANTERN THE FOLLOWING:

The most perfect device for locking the Burners in Lanterns.
The easiest method for securing and removing the Globe.
They do not smoke the Globe when burning.

[Owing to a mistake on the part of the engraver, the above cut does not show the Automatic Closing Plate for the hole in the Perforated Disc.]

LANTERNS.



THE "BURN" LIFT LANTERN.

THE "BURN" LIFT LANTERN.

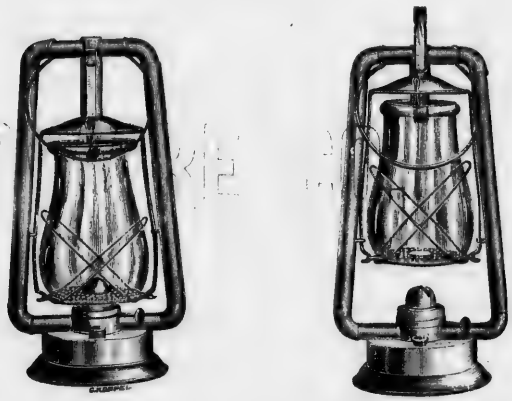
WITH PATENT LOCKED BURNER AND PATENT LIFT WIRE FOR LIFTING GLOBE FOR LIGHTING

The "Burn" Lift Lantern - - - per dozen, $

IN CASES OF DOZEN AND HALF DOZEN EACH.

GENUINE

SAFETY TUBULAR LANTERN.



WITH GUARD AND LIFT.

No. 0 Fitted with No. 1 burner, 5/8 inch wick, 12 oz. globe, per dozen, $

IN CASES OF DOZEN AND HALF DOZEN EACH

SQUARE TUBE.

SQUARE

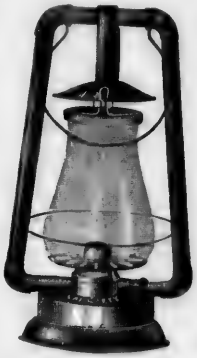
TUBULAR LANTERNS.

WITH GUARD AND LIFT.

Fitted with No. 1 burner, 5/8 inch wick, 12 oz. globes.

Square Tube Lanterns - - - - per dozen, $

IN CASES OF DOZEN AND HALF DOZEN EACH.



SLOTTED PLATE TUBULAR LANTERN.

WITH GUARD.

No. 1 Burner, 5/8 inch Wick, 12 oz. Globe.

The Lantern represented in the cut is furnished with a new Slotted Plate, through which the wick can be reached at any point with a match and instantly lighted.

It is made of the same material as the No. O Genuine Safety Tabular Lantern; is furnished with the same Burner, Globe and Outside Filler.

THIS LANTERN CANNOT BE EXTINGUISHED BY THE WIND.

Can be filled, lighted, regulated and extinguished without removing the globe.

No. **O** Slotted Plate Tubular Lanterns . . per dozen, $

PACKED IN CASES OF DOZEN AND HALF DOZEN EACH.

BRASS GENUINE SAFETY TUBULAR LANTERN.

WITHOUT GUARD.

No O Burner, 3/8 inch Wick, No. OO Globe.

This Lantern is eleven inches in height, is constructed on the true tubular principle, is made in brass and finished in old gold.

It is small and unique in design, and will be found much more convenient for some purposes than the larger lanterns.

This Lantern is particularly adapted to the use of ladies and children, the feeder cap being furnished with a leather washer to prevent the oil from coming in contact with the clothing.

THIS LANTERN CANNOT BE EXTINGUISHED BY THE WIND.

Can be filled, lighted, regulated and extinguished without removing the globe.

No **OO** Brass . . . . . per dozen, $

PATENT DASH BOARD ATTACHMENT.

MADE FOR TUBULAR LANTERNS.

WITH REFLECTOR.

This is an ingenious arrangement of wire, which at once forms a guard to your lantern, holds the reflector in position, and can be instantly attached to or detached from the lantern and dash board.

It holds the lantern securely to the dash board, and does not require the removal of the globe in lighting, in fact is durable and complete.

No. **1** Patent Dash Board Attachment . . . per dozen, $

PACKED IN CASES OF TWO, THREE AND SIX DOZEN EACH.

NEW SIDE AND DASH LAMP AND LANTERN COMBINED.

No. 1 Burner, 5-8 Inch Wick, No. O Globe.

We wish to call particular attention to the new No. 15 Combination Lamp and Lantern, which although so recently introduced to the trade, has become a general favorite.

It is constructed on the Genuine Tubular Principle, has an extra large oil pot with a capacity for burning twenty-four hours, and by means of our SAFETY ATTACHMENT, the burner is locked securely in the lantern when the globe is removed or broken.

It has the new corrugated reflector with Dash Board Spring, hence can be used as a Dash Board Lamp, hung on a nail for use as a side Lamp, or carried by the bail as an ordinary Lantern, in fact can be used in a greater variety of ways than any other Lamp or Lantern yet offered the tr[illegible]

[illegible] be extinguished by the wind.

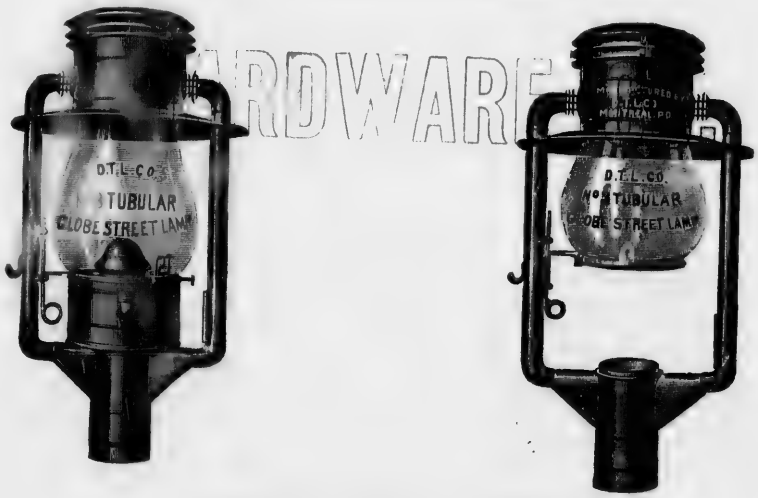
[illegible] be filled, lighted, regulated and extinguished without removing the gl[illegible]

No. 15 Per dozen, ... $

Packed in cases of one dozen and half dozen each.

GLOBE TUBULAR STREET LAMP.

WITH AUTOMATIC EXTINGUISHER.



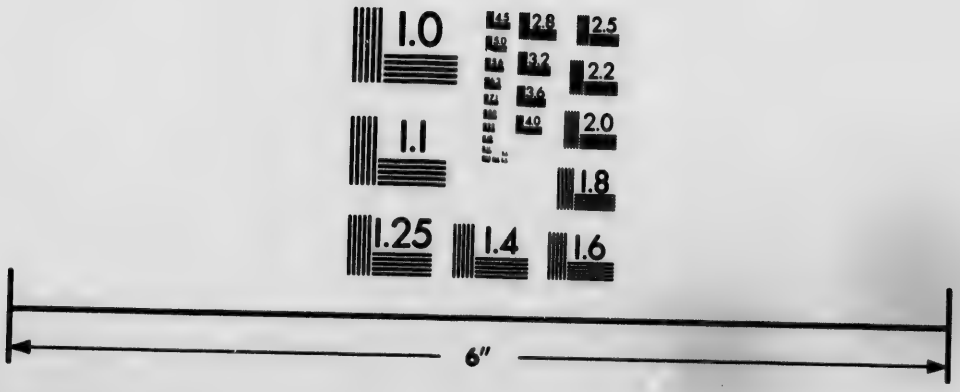
Showing Globe raised and held in position.

No. 3 Burner, 1½ Inch Wick, Height of Lamp 25 Inches.

We invite your special attention to the No. 3 Globe Tubular Street Lamp, constructed on the Genuine Tubular Principle, which renders perfect combustion, hence a MORE brilliant light than the ordinary Street Gas Light, emits no smoke, and cannot be blown out by the strongest wind. Every Lamp has an Automatic Extinguisher that can be set to extinguish the flame in eight, twelve, or sixteen hours, thereby effecting a great saving. To ensure a perfect light, it is necessary to keep the sieve of your Burner thoroughly clean, and at least twice a month employ the bullet contained beneath the brass cap in running the entire length of the air tubes, freeing them from cobwebs or any other obstructions to draught. From the peculiar construction of these Lamps, having outside cold air injectors at the top of the tubes, they are not effected by temperature, and will burn equally as well in cold as in warm weather. They have a fourteen inch enameled reflector at the top of the globe, which throws the light downward, greatly increasing its brilliancy. We furnish duplicates to any parts as ordered. Can be filled, lighted, regulated and extinguished without removing the Globe. Packed one in a box.

No. 8 Globe Tubular Street Lamp, ... Each, $

IMAGE EVALUATION
TEST TARGET (MT-3)



Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

1.0
1.1
2.8
3.2
3.6
2.5
2.2
2.0
1.8
1.6

IRON BRACKET FOR STREET LAMPS

Two Feet Long. Can be fitted to any Street Lamp Socket.

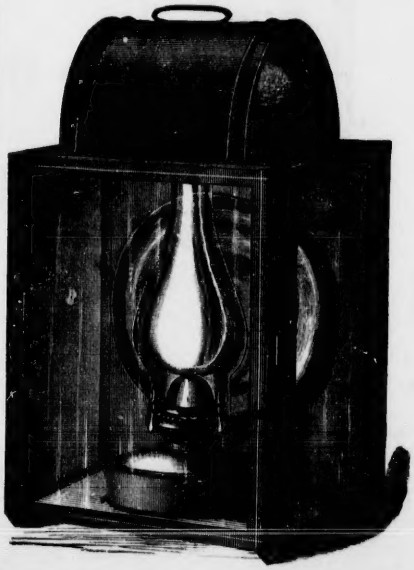
No. 1 Iron Bracket for Street Lamps, - - - - - - Per dozen, $

"DEITZ" RAILROAD LANTERNS.

No. 12 With Clear Globes, - - - Per dozen, $

Can be furnished with Colored Globes, if desired, at a small advance.

Packed half dozen in a Case.



SQUARE REFLECTOR STATION LAMPS.

THREE SIZES.

No. 1 9 x 13 inches, No. 1 Burner, 5/8 inch Wick, 7 inch Silvered Glass Reflector, per dozen, - $

" 2 10 x 14 inches, No. 2 Burner, 1 inch Wick, 8 inch Silvered Glass Reflector, per dozen, - $

" 3 12 x 15 inches, No. 2 Burner, 1 inch Wick, 10 inch Silvered Glass Reflector, per dozen, - $

Above sizes nest in packing.

LANTERN GLOBES.

No. O	12 ounce Tubular Lantern Globes	per dozen, $
No. O	Colored—Ruby, Blue or Green	per dozen,
No. OO	Small Tubular Lantern Globes	per dozen,
No. OO	Colored—Ruby, Blue or Green	per dozen,

IN CASES OF 1 DOZEN, 2½ DOZEN OR 5 DOZEN.

HOBBS

LAMP WICK.

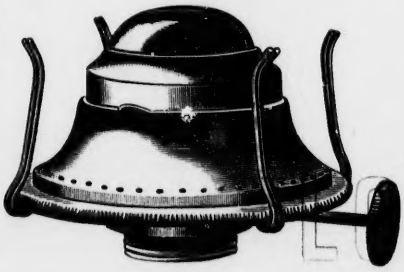
Nutmeg	per roll of 32 yards, $
O Small	per roll of 32 yards,
A Medium	per roll of 32 yards,
B Large	per roll of 32 yards,
D 1½ inch wide	per roll of 32 yards,
Argand, two inches wide	per roll of 32 yards,
Rochester	per dozen lengths,
Oil Stove, 3 inch	per dozen lengths,
Oil Stove, 3½ inch	per dozen lengths,
Oil Stove, 4 inch	per dozen lengths.

HARDWARE CO.

LANTERN BURNERS.

Lantern Burners	per dozen, $

ONE DOZEN IN A BOX.



BANNER LAMP BURNERS.

O	Small	per dozen, $
A	Medium	per dozen,
B	Large	per dozen,

ONE DOZEN IN A BOX.

LONDON

THE FOLLOWING BURNERS SUPPLIED TO ORDER AT LOWEST PRICES:

SUN, SUN HINGE, ARGAND, LEADER, ROCHESTER, ELECTRIC, HARVEY.

LAMP CHIMNEYS.

CRIMP TOP AND QUAKER FLINT.

CRIMP TOP.

QUAKER FLINT.

CRIMP TOP.

O	Small.	In cases of 6 dozen	per dozen, $
A	Medium.	In cases of 8 dozen	per dozen,
B	Large.	In cases of 6 dozen	per dozen,

QUAKER FLINT.

O	Small.	In cases of 6 dozen	per dozen, $
A	Medium.	In cases of 8 dozen	per dozen,
B	Large.	In cases of 6 dozen	per dozen,

CASES EXTRA

T.

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er dozen,